



# THE STORY OF

# SPACE

10th-19th November  
Panjim, Goa

**INQUIRE. DISCOVER. LEARN.**

Experience space like never before in all its forms  
at this 10 day interdisciplinary learning festival.

**It's free, it's exciting. It's open for all.**

**[THESTORYOF.ORG/SPACE2017](http://THESTORYOF.ORG/SPACE2017)**

INSTALLATIONS

LIVE EXPERIENCES

WORKSHOPS

TALKS & PANELS

FILMS

COLLATERALS

# THE STORY OF SPACE

**10th - 19th November 2017**

PANJIM, GOA

## THE STORY OF SPACE IS A FREE, PUBLIC FESTIVAL OF DISCOVERY AND INQUIRY

Between the 10th and 19th of November 2017, Panjim city turns into a learning playground with live experiences, immersive installations, workshops, talks, films, and panels on questions around space from multiple perspectives. We have engaged researchers, artists, and educators from around the globe— eighteen countries including India!— to create works with general or specific learning outcomes for audiences that they would not normally engage with. The festival presents and evaluates about 70 interesting projects on the theme of space.

## WHICH BRINGS US TO THE QUESTION: WHY SPACE?

We get too few opportunities in our youth to contemplate our space in the universe as well as the space of the universe in us. The Story of Space provides us with a chance to do this, and from a number of perspectives. These include but are not confined to the political concerns of space regarding ownership, boundaries and migration; philosophical questions about space, regarding emptiness, tolerance and protest; space in terms of physics: interplanetary travel, stellar birth and quantum theories and lastly, our experience of space via our perception of it, both psychologically and via our senses.

## THE STORY OF SPACE TEAM

### General Circle

Akshay Roongta  
Deshna Mehta  
Jaya Ramchandani  
Rahul Gudipudi  
Shaira Sequeira Shetty  
Shrinivas Ananthanarayanan

### Curatorial Management

General Circle  
Lina Vincent  
Shazeb Shaikh  
Ana Bernardo (Film)  
Sanjana Nanodkar (Film)

### Project Managers

Ann van den Borne  
Aishwarya Iyer  
Namrata Ganguly  
Prachi Bhutada  
Shazia Shaikh  
Soumi Roychowdhury

### Creatives / Communications

Shrinivas Ananthanarayanan (OL)  
Francesca Cotta  
Jonathan Dias  
Mohini Mukherjee  
Shivaram Ananthanarayanan  
Erin Montanez

### Evaluation and Sustainability

Akshay Roongta (OL)  
Abrar Burk  
Niketa Malhotra  
Geo Sebastian  
Prachi Bhutada

### Exhibition Design

Deshna Mehta (OL)  
Ishan Mudgal  
Roccio Ruiz-Jarabo (Consultant)  
Vaishnavi Kamat

### Education and Outreach

Nupur D'Souza (OL)  
Madhulika S (Consultant)

### Documentation

Shaira Sequeira Shetty (OL)  
Divya Sahasrabudhe  
Douglas Garcia  
Elles van der Heijden  
Gasper D'Souza  
John Lino Demello

### Administration

Shaira Sequeira Shetty (OL)  
Jocel Souza

### Accounts

Jaya Ramchandani (OL)  
Jocel Souza

### Residency Management

Noel Mark Sequeira (OL)  
Namrata Ganguly  
Prachi Bhutada  
Soumi Roychowdhury  
Shazia Shaikh

### Production

Rahul Gudipudi (OL)  
Zubin Savla  
Richard Dias  
Kunal Haria  
Dilnaaz Mehta  
Arora Narayanan  
Avian

### Volunteer Management

Nupur D'Souza

### + many many volunteers from

Chowgle College, Dhempe College,  
St. Xavier's College, Pearl Academy,  
National Institute of Design and  
others in and around Goa.



FOUNDATION

## WHAT IS THE STORY OF FOUNDATION?

'The Story Of' Foundation began in a house in Goa, as a platform of scientists, artists, designers, philosophers, and educators interested in positive changes in society through informal education. Those relationships and aims continue today.

We are registered under The Societies Registration Act 1860 since November 2014. We have adopted sociocracy as a way of working together to be a flexible, collaborative, and spacious learning platform.

As a foundation, we believe that by transforming our ways of knowing, learning, valuing and acting together, we have the opportunity to face the complex, interdependent challenges of our time. Through open, accessible, collaborative and lifelong learning projects, we support and facilitate multi-perspective thinking, mindful inquiry into the known and unknown, and the sensibility to complexity—all critical skills for the 21st century.

This is why we explore and create learning opportunities across science, philosophy, art, and culture, with a broader, long-term goal in mind: of making interdependence visible. Interdependence is an understanding that things don't exist independently, but depend on each other in various ways, to different degrees of complexity, depending on the system being considered. In our day to day lives, we all experience interdependence, be it within our relationships or as a consequence of our interaction with the environment. Understanding interdependence can have far-reaching behavioural consequences by giving us insight into the impact we have on each other and our surroundings. This can act as a guide to our future decisions.

The first major event organized by us was 'The Story of Light', in 2015 in Goa. India's first science meets art festival; it captivated over 15,000 people. The team is now back with The Story of Space, and in 2019, we will have Story of Mind. We choose as our festival theme, topics that are obviously connected to everything and approach them from four to five different perspectives.

While the format of festivals is our starting point, we would like to expand into establishing residences (for various communities) and transdisciplinary research programs in the next five years.

With our work, we aim to bring stories from academia (science, the

humanities, arts, and more) into the public eye. We also want to promote interdisciplinary collaborations, and provide inspiration and excitement to the youth, empowering them to be critical and solutions-oriented.

Our general circle includes educator Jaya Ramchandani, arts manager Shaira Sequeira Shetty, artist and designer Deshna Mehta, creative visualizer Shrinivas Ananthanarayanan, industrial designer and design researcher Akshay Roongta and curator Rahul Gudipudi. These six, along with four others: curator Shazeb Sheikh, curator and art historian Lina Vincent, curator and researcher Ana Bernardo, and designer Sanjana Nanodkar, formed part of our selection committee for the Story of Space. They have shortlisted the projects in this festival from 259 proposals that came in through our open call in the previous year. Right from the curators to the helpful people you will see 'humanning' at the festival, our platform is volunteer-run and community-led. It is a fertile ground for conversations and interactions which sow the seeds for present and future collaborations.

The festival has been made possible through collaboration with the Corporation of the City of Panjim, Department of Art & Culture, Department of Science & Technology, Department of Education, Archaeological Survey of India (ASI), partnership with embassies and cultural institutes like Fundação Oriente (Goa), Alliance Française (Goa), Italian Embassy Cultural Centre (Mumbai Section), Pro Helvetia - Swiss Arts Council (New Delhi), The Polish Institute (New Delhi), Consulate General Of Israel In Mumbai, The Japan Foundation (New Delhi), and collaborations with design schools like Srishti School of Art, Design, and Technology (Bengaluru), National Institute of Design (Ahmedabad), Pearl Academy (New Delhi), and our Gold sponsors Only Much Louder and 91 Springboard.

This is a community-driven initiative, with a team that works tirelessly on bringing sponsorships for our various projects. With 20% of the festival budget being raised through crowdfunding and numerous collaborations making the event possible, it is hard not to see the complex interrelationships that connect people and their efforts.

**WE WOULD LOVE TO HEAR FROM YOU**

hello@thestoryof.org

**FACEBOOK:** thestoryoffoundation

**TWITTER:** @thestoryoforg

**INSTAGRAM:** thestoryoffoundation

11 - 19 NOVEMBER		VENUE	TIMINGS
4 c	<b>COSMIC CONSCIOUSNESS</b> <i>National Institute Of Design</i>	Adil Shah Palace	11:00 - 18:30
4 d	<b>KINETIC SCULPTURE</b> <i>Gaurav Patekar</i>	Adil Shah Palace	11:00 - 18:30
4 a	<b>ANATOMICAL STUDIES OF OUR ANCESTORS</b> <i>Diptej Vernekar</i>	Adil Shah Palace	11:00 - 18:30
4 e	<b>SATELLITE SONATA (MUONIOIUSTA)</b> <i>Robin Meier</i>	Adil Shah Palace	11:00 - 18:30
4 b 14 a	<b>BREATH</b> <i>Ana Bloom</i>	Adil Shah Palace Alliance Francaise	11:00 - 18:30
5 a	<b>IN MY MIND</b> <i>National Institute Of Design</i>	Central Library	11:00 - 19:00
5 c	<b>ISLANDS IN FLUX</b> <i>Pankaj Sekhsaria</i>	Central Library	11:00 - 19:00
5 b	<b>INTERSTELLAR ICONOCLASTS</b> <i>Deepti Datt</i>	Central Library	11:00 - 19:00
5 e	<b>UNEQUAL SCENES</b> <i>Johnny Miller</i>	Central Library	11:00 - 19:00
5 d	<b>SPACE THROUGH TIME</b> <i>Tanya Mehta</i>	Central Library	11:00 - 19:00
13 a	<b>THE ACOUSTIC HISTORY OF GOAN HERITAGE</b> <i>Akash Sharma, Snehal Thomas (Sound Codes)</i>	Fundacao Oriente	11:00 - 20:00
13 b	<b>ACOUSMATIC CLEAN SPACE</b> <i>Mathias Durand &amp; Julia Stern</i>	Fundacao Oriente	11:00 - 20:00
13 c	<b>ARCHITECTURAL BEINGS ( I AM - VIDEO PROJECTION )</b> <i>René Fadinger, Elisabeth Winkler</i>	Fundacao Oriente	11:00 - 20:00
13 c	<b>THE COORDINATOR (AR)</b> <i>René Fadinger, Elisabeth Winkler</i>	Fundacao Oriente	11:00 - 20:00
3 b	<b>FREEDRAW</b> <i>Sameer, Lokesh, Rahul</i>	Garcia De Orta	11:00 - 20:00
3 d	<b>RAINBOW ON WHEELS</b> <i>Sekiguchi Tsuneo</i>	Garcia De Orta	11:00 - 17:00
3 c	<b>NEIGHBOURING FRONTIERS</b> <i>Ana Bloom</i>	Garcia De Orta	11:00 - 20:00
3 a	<b>ADRIFT</b> <i>Chitra Chandrashekhar</i>	Garcia De Orta	11:00 - 20:00
1 b	<b>SOUNDS OF THE SPECTRUM</b> <i>Alex Gagliano, Jackie Bertone</i>	Goa Science Center	10:30 - 18:30
1 a	<b>THE EVOLUTION OF VOID</b> <i>Manuel Scortichini, Giuseppe Bozzi, S Bhuvaneshwari</i>	Goa Science Center	10:30 - 18:30
1 c	<b>WHO DOES THE SEA BELONG TO</b> <i>Tia Kansara, Mudita Pasari</i>	Goa Science Center	10:30 - 18:30
10 b	<b>FACING SPACE</b> <i>Karin van der Molen, Sally Kidall</i>	Luis Gomes Garden	11:00 - 20:00
10 a	<b>ARE WE ALONE?</b> <i>Kalyani Tupkary, Rucha Joshi, Jazeela Basheer</i>	Luis Gomes Garden	11:00 - 20:00
6 a	<b>DUET</b> <i>Quicksand &amp; Invisible Flock</i>	Sadhana dell Arte	11:00 - 20:00
19 b	<b>SPACINGS</b> <i>Angela Chong</i>	Site Specific	OPEN
19 c	<b>I HOPE YOU FIND WHAT YOU ARE LOOKING FOR</b> <i>Akash Halankar</i>	Panjim Municipal Market	OPEN
19 a	<b>HUMAN OCCUPIER</b> <i>Nadine Badlow</i>	Near Luis Gomes Garden	OPEN
2 c	<b>MISSING WOMEN</b> <i>Flora Barros, Helena Wolfenson, Veronica Devia</i>	Sukerkar House	11:00 - 20:00
2 b	<b>EX NIHILIO ESCAPE ROOM</b> <i>Ran Peleg, Claudia Sodini</i>	Sukerkar House	11:00 - 20:00
2 d	<b>NORTHERN SHADOWS</b> <i>Aalto University - New Media</i>	Sukerkar House	11:00 - 20:00
2 a	<b>CULTURAL SPACES</b> <i>Leonie Roessler</i>	Sukerkar House	11:00 - 20:00

11 NOV SATURDAY	12 NOV SUNDAY	13 NOV MONDAY
<div>FIELD RECORDINGS FOR CHILDREN <i>Leonie Rossler</i> Meeting Point Sadhana Dell Arte 6</div> <div>FREEDRAW <i>Sameer, Lokesh &amp; Rahul Fountainhas</i> 13</div>	<div>FIELD RECORDINGS FOR CHILDREN <i>Leonie Rossler</i> Meeting Point Sadhana Dell Arte 6</div> <div>POETRY CLUB Sadhana Dell Arte 6g</div> <div>FREEDRAW <i>Sameer, Lokesh, Rahul Panjim Market</i> 11a</div> <div>A STRANGE NEW SPACE <i>Tessa Bide</i> Sadhana Dell Arte 6f</div> <div>FIELD RECORDINGS FOR ALL <i>Leonie Rossler</i> Meeting Point Fundacao Oriente 13</div> <div>AEROMODELLING &amp; WALK ALONG GLIDING <i>T.R. Ananthanarayanan</i> Campal Indoor Stadium 7a</div>	<div>POETRY CLUB 91 Springboard 9c</div> <div>PASSIVE DISSENT <i>Devanshi Shah</i> Sadhana Dell Arte 6h</div> <div>FIELD RECORDINGS FOR ALL <i>Leonie Rossler</i> Meeting Point Fundacao Oriente 13</div> <div>ART, ETHICS, AND SPACE <i>Sundar Sarrukkai</i> 91 Springboard 9g</div>
14 NOV TUESDAY	15 NOV WEDNESDAY	16 NOV THURSDAY
<div>EXPLORING THE INDIAN AESTHETIC SPACE <i>S. Bhuvaneshwari</i> Sadhana Dell Arte 6b</div> <div>SPACE AVAILABLE <i>Thomas Heidtmann</i> 91 Springboard 9f</div>	<div>CREATING A SPACE FOR LEARNING <i>Madhulika S.</i> Institute Menezes Braganza 12f</div> <div>EXPLORING THE INDIAN AESTHETIC SPACE <i>S. Bhuvaneshwari</i> Sadhana Dell Arte 6b</div> <div>TEACHING WITH MIME <i>Ran Pelag</i> Institute Menezes Braganza 12a</div> <div>BODY MOVEMENT &amp; SPACE <i>Flora Barros</i> Sadhana Dell Arte 6d</div> <div>SCIENCE COMMUNICATION GETTING CREATIVE <i>Pedro Russo</i> 91 Springboard 9d</div> <div>JUGGLING &amp; SCIENCE <i>Claudia Sodini</i> Institute Menezes Braganza 12b</div>	<div>AEROMODELLING &amp; WALK ALONG GLIDING <i>T.R. Ananthanarayanan</i> Campal Indoor Stadium 7a</div>
17 NOV FRIDAY	18 NOV SATURDAY	19 NOV SUNDAY
<div>BLANK SPACE <i>Pushpanjali Sharma &amp; Gautam Nima</i> 91 Springboard 9e</div> <div>SPACE IN PERSONAL RELATIONSHIPS <i>Rachna Patni Pereira</i> Sadhana Dell Arte 6c</div> <div>CLEAN LANGUAGE <i>Mathias Durand &amp; Julia Stern</i> 91 Springboard 9b</div>	<div>BLANK SPACE <i>Pushpanjali Sharma &amp; Gautam Nima</i> 91 Springboard 9e</div> <div>SPACE IN PERSONAL RELATIONSHIPS <i>Rachna Patni Pereira</i> Sadhana Dell Arte 6c</div> <div>DONT COMPRESS ME <i>Hojun Song</i> Sadhana Dell Arte 6i</div> <div>CLEAN LANGUAGE <i>Mathias Durand &amp; Julia Stern</i> 91 Springboard 9b</div>	<div>SPACE IN PERSONAL RELATIONSHIPS <i>Rachna Patni Pereira</i> Sadhana Dell Arte 6c</div> <div>BLANK SPACE <i>Pushpanjali Sharma &amp; Gautam Nima</i> 91 Springboard 9e</div> <div>CREATE A SIX-MONTH PINHOLE CAMERA <i>Nick Sayers</i> Sadhana Dell Arte 6e</div>

11 NOV SATURDAY	12 NOV SUNDAY	13 NOV MONDAY
<p><b>CYCLE THE SOLAR SYSTEM</b> 10:30 - 13:00 <i>Nick Sayers &amp; Megan Argo</i> Start - Entertainment Society of Goa (8)</p>	<p><b>CYCLE THE SOLAR SYSTEM</b> 10:30 - 13:00 <i>Nick Sayers &amp; Megan Argo</i> Start - Entertainment Society of Goa (8)</p>	<p><b>SPEAKER'S CORNER</b> 18:30 - 19:30 <i>Devanshi Shah</i> Garcia De Orta (3f)</p>
<p><b>A STRANGE NEW SPACE</b> 11:00 - 13:00 <i>TESSA BIDE</i> Kala Academy Black Box (8a)</p>	<p><b>MISSING WOMEN PERFORMANCE</b> 14:00 - 15:00 <i>Flora, Helena &amp; Veronica</i> Sukerkar House (2c)</p>	<p><b>MIGRATORY CLUTURES</b> 19:00 Onwards <i>G.Craig Hobbs &amp; Robin Lasser</i> Menezes Braganza Garden (12e)</p>
<p><b>MISSING WOMEN PERFORMANCE</b> 14:00 - 15:00 <i>Flora, Helena &amp; Veronica</i> Sukerkar House (2c)</p>	<p><b>MISSING WOMEN PERFORMANCE</b> 16:00 - 17:00 <i>Flora, Helena &amp; Veronica</i> Sukerkar House (2c)</p>	<p><b>A STRANGE NEW SPACE</b> 19:00 - 20:30 <i>Tessa Bide</i> Institute Menezes Braganza (12c)</p>
<p><b>MISSING WOMEN PERFORMANCE</b> 16:00 - 17:00 <i>Flora, Helena &amp; Veronica</i> Sukerkar House (2c)</p>	<p><b>SCALES OF TIME</b> 18:30 - 19:30 <i>Henry Throop, Miti Desai</i> Garcia De Orta (3g)</p>	
<p><b>CYCLE THE SOLAR SYSTEM</b> 17:00 - 19:30 <i>Nick &amp; Megan</i> Start - Entertainment Society of Goa (8)</p>	<p><b>MIGRATORY CLUTURES</b> 19:00 Onwards <i>G.Craig Hobbs &amp; Robin Lasser</i> Menezes Braganza Garden (12e)</p>	
<p><b>MIGRATORY CLUTURES</b> 19:00 Onwards <i>G.Craig Hobbs &amp; Robin Lasser</i> Kala Academy (8b)</p>	<p><b>POETRY CLUB</b> 19:30 - 21:00 Garcia De Orta (3h)</p>	
<p><b>SHIFTING</b> 19:30 - 20:00 <i>Pavithra Dikshit</i> Garcia De Orta (3e)</p>		
14 NOV TUESDAY	15 NOV WEDNESDAY	16 NOV THURSDAY
<p><b>SOUNDS WALK</b> 10:00 - 11:00 <i>Leonie Rossler</i> Start point Panjim Church entrance (3)</p>	<p><b>CYCLE THE SOLAR SYSTEM</b> 10:30 - 13:00 <i>Nick Sayers &amp; Megan Argo</i> Start - Entertainment Society of Goa (8)</p>	<p><b>12 HOURS OF SOUND</b> 10:00 - 22:00  THE 7 <i>Da Saz</i> NATURE MORTE <i>Hemant Sreekumar</i> HOW TO PLAY ANTI-CAUSAL <i>Gold &amp; Silver</i> EXPERIMENTS WITH SOUND <i>Robin Meier</i> TIPPING POINT <i>Sound Codes</i> LATE NIGHT CRUSHERS <i>Pluggy</i>  Sadhana Dell Arte (6j)</p>
<p><b>CYCLE THE SOLAR SYSTEM</b> 10:30 - 13:00 <i>Nick Sayers &amp; Megan Argo</i> Start - Entertainment Society of Goa (8)</p>	<p><b>BENDING THE TEA SHOP</b> 16:00 - 18:00 <i>Hojun Song</i> Garcia De Orta (3i)</p>	<p><b>EVOLUTION OF THE STARS</b> 14:00 - 16:00 <i>Instytut B61</i> Start Point Luis Gomes Garden (10)</p>
<p><b>BENDING THE TEA SHOP</b> 16:00 - 18:00 <i>Hojun Song</i> Garcia De Orta (3i)</p>	<p><b>CYCLE THE SOLAR SYSTEM</b> 17:00 - 19:30 <i>Nick Sayers &amp; Megan Argo</i> Start - Entertainment Society of Goa (8)</p>	<p><b>EVOLUTION OF THE STARS</b> 16:00 - 18:00 <i>Instytut B61</i> Start Point Luis Gomes Garden (10)</p>
<p><b>CYCLE THE SOLAR SYSTEM</b> 17:00 - 19:30 <i>Nick Sayers &amp; Megan Argo</i> Start - Entertainment Society of Goa (8)</p>	<p><b>SPEAKER'S CORNER</b> 18:00 - 19:30 <i>Devanshi Shah</i> Garcia De Orta (3f)</p>	<p><b>EVOLUTION OF THE STARS</b> 18:00 - 20:00 <i>Instytut B61</i> Start Point Luis Gomes Garden (10)</p>
<p><b>SPEAKER'S CORNER</b> 18:30 - 19:30 <i>Devanshi Shah</i> Garcia De Orta (3f)</p>	<p><b>Missing Women Performance</b> 19:00 - 20:00 <i>Flora, Helena &amp; Veronica</i> Sukerkar House (2c)</p>	<p><b>EVOLUTION OF THE STARS</b> 20:00 - 22:00 <i>Instytut B61</i> Start Point Luis Gomes Garden (10)</p>
<p><b>MIGRATORY CLUTURES</b> 19:00 Onwards <i>G.Craig Hobbs &amp; Robin Lasser</i> Menezes Braganza Garden (12e)</p>	<p><b>A STRANGE NEW SPACE</b> 19:00 - 20:30 <i>Tessa Bide</i> Institute Menezes Braganza (12c)</p>	
<p><b>SHIFTING</b> 19:30 - 20:00 <i>Pavithra Dikshit</i> Garcia De Orta (3e)</p>	<p><b>MIGRATORY CLUTURES</b> 19:00 Onwards <i>G.Craig Hobbs &amp; Robin Lasser</i> Central Library (5f)</p>	
	<p><b>CONSERVATION IS A STORY OF SPACE</b> 20:30 - 22:00 <i>Coralie D'Lima &amp; Prafullata Rajput</i> Institute Menezes Braganza (12d)</p>	



17 NOV FRIDAY	18 NOV SATURDAY	19 NOV SUNDAY
<p><b>CYCLE THE SOLAR SYSTEM</b> 10:30 - 13:00 Nick Sayers &amp; Megan Argo Start - Entertainment Society of Goa (8)</p>	<p><b>CYCLE THE SOLAR SYSTEM</b> 10:30 - 13:00 Nick Sayers &amp; Megan Argo Start - Entertainment Society of Goa (8)</p>	<p><b>CYCLE THE SOLAR SYSTEM</b> 10:30 - 13:00 Nick Sayers &amp; Megan Argo Start - Entertainment Society of Goa (8)</p>
<p><b>MISSING WOMEN PERFORMANCE</b> 12:00 - 13:00 Flora, Helena &amp; Veronica Sukerkar House (2c)</p>	<p><b>MISSING WOMEN PERFORMANCE</b> 12:00 - 13:00 Flora, Helena &amp; Veronica Sukerkar House (2c)</p>	<p><b>MISSING WOMEN PERFORMANCE</b> 14:00 - 15:00 Flora, Helena &amp; Veronica Sukerkar House (2c)</p>
<p><b>EVOLUTION OF THE STARS</b> 14:00 - 16:00 Instytut B61 Start Point Luis Gomes Garden (10)</p>	<p><b>EVOLUTION OF THE STARS</b> 14:00 - 16:00 Instytut B61 Start Point Luis Gomes Garden (10)</p>	<p><b>MISSING WOMEN PERFORMANCE</b> 16:00 - 17:00 Flora, Helena &amp; Veronica Sukerkar House (2c)</p>
<p><b>EVOLUTION OF THE STARS</b> 16:00 - 18:00 Instytut B61 Start Point Luis Gomes Garden (10)</p>	<p><b>EVOLUTION OF THE STARS</b> 16:00 - 18:00 Instytut B61 Start Point Luis Gomes Garden (10)</p>	<p><b>HAVE A CUP OF TEA</b> 16:00 - 18:00 Devanshi Shah Garci De Orta (3f)</p>
<p><b>CYCLE THE SOLAR SYSTEM</b> 17:00 - 19:30 Nick Sayers &amp; Megan Argo Start - Entertainment Society of Goa (8)</p>	<p><b>CYCLE THE SOLAR SYSTEM</b> 17:00 - 19:30 Nick Sayers &amp; Megan Argo Start - Entertainment Society of Goa (8)</p>	<p><b>SPECIAL SCREENING - A NIGHT OF PROPHECY</b> 19:30 - 21:00 Amar Kanwar Fundacao Oriente (13d)</p>
<p><b>SPEAKER'S CORNER</b> 18:00 - 19:30 Devanshi Shah Garcia De Orta (3f)</p>	<p><b>SPEAKER'S CORNER</b> 18:00 - 19:30 Devanshi Shah Garcia De Orta (3f)</p>	
<p><b>EVOLUTION OF THE STARS</b> 18:00 - 20:00 Instytut B61 Start Point Luis Gomes Garden (10)</p>	<p><b>MIGRATORY CLUTURES</b> 19:00 Onwards G.Craig Hobbs &amp; Robin Lasser Central Library (5f)</p>	
<p><b>MIGRATORY CLUTURES</b> 19:00 Onwards G.Craig Hobbs &amp; Robin Lasser Central Library (5f)</p>		
<p><b>EVOLUTION OF THE STARS</b> 20:00 - 22:00 Instytut B61 Start Point Luis Gomes Garden (10)</p>		

## 6 ASSAGAO

**PSYCHOLOGY OF WASTE** 06 NOV MONDAY  
Talk - Mudita Pansari 20:00 - 21:00

## MUSEUM OF GOA ( MOG )

**SELF-SPACE** 04 NOV SATURDAY  
Workshop - Pushpanjali Sharma & Gautam Nima 09:30 - 12:30

## 6 ASSAGAO

**DIVING INTO OUR SPACE(S)** 13 NOV MONDAY  
Talk - Thomas Heidtmann 19:00 - 21:00

## MOZAIC

**COSMIC PERSPECTIVES IN A GLOBAL SOCIETY** 15 NOV WEDNESDAY  
Talk and Informal Session - Alex & Jackie 18:00 - 19:00

## GALLERY GITANJALI

**SHIFTING** 13 NOV MONDAY  
Live Experience - Pavithra Dikshit 18:00 - 18:30

## MOZAIC

**EXPLORING THE INDIAN AESTHETIC SPACE** 17 NOV FRIDAY  
Workshop - S. Bhuvaneshwari 17:00 - 19:00

## GALLERY GITANJALI

**POETRY CLUB** 13 NOV MONDAY  
Live Experience 18:30 - 20:00

## VENUE : GOA SCIENCE CENTER

17 NOV FRIDAY	18 NOV SATURDAY	19 NOV SUNDAY
<p><b>INNER SPACE I</b> 14:00 - 15:30</p> <p>The films in this session delve into the workings of our mind, addressing questions of psychology, love, and the search for happiness.</p> <p>The Vast Landscape <i>Lea V</i></p> <p>How Art You <i>Kimberly Berckmoes</i></p> <p>The Astronaut <i>Phoebe Arnstein</i></p> <p>The Sad Monk <i>Diana Frankovic</i></p> <p>Seymour <i>Ronlee Nemeth</i></p> <p>04:48 <i>Laura Benavides</i></p> <p>20 Kicks <i>Dimitar Dimitrov</i></p> <p>Memory Reconstructed <i>Anne Murray</i></p> <p>Age group: 18+</p>	<p><b>INNER SPACE (Children)</b> 11:00 - 12:30</p> <p>These films show how what is inside you shapes what is outside.</p> <p>Cornice <i>Donjeta Hyseni</i></p> <p>La Folie <i>Ricard López</i></p> <p>Blackboard <i>Hyash Tanmoy</i></p> <p>Lima <i>Afshin Roshanbakht</i></p> <p>The Most Amazing <i>Jordi Funtanet</i></p>	<p><b>OUTER SPACE (Children)</b> 11:00 - 12:30</p> <p>The children in these films bravely look into new spaces.</p> <p>The Astronaut <i>Mahalia John</i></p> <p>The Age Of Reason <i>Descalles Nicolas</i></p> <p>Maybe Aliens <i>Karl Glenn Barit</i></p> <p>Event Horizon <i>Anais Bertrand</i></p>
<p><b>SCIENCE FICTION</b> 16:00 - 18:30</p> <p>What if... the future is tomorrow? This session imagines what might be next.</p> <p>Ferruccio <i>Stefano De Felici</i></p> <p>Bruce Gallagan <i>Pau Perramon</i></p> <p>The App <i>Thomas Grascœur</i></p> <p>Last Day On Earth <i>SangJin Ko</i></p> <p>Age group: 18+</p>	<p><b>GEOPOLITICAL SPACES</b> 14:00 - 15:30</p> <p>Boundaries divide the space we inhabit. These films highlight how mental and political borders intersect.</p> <p>A Place <i>Iván Fernández de Córdoba</i></p> <p>Exile <i>Piotr &amp; Agata Bartos</i></p> <p>The Royal <i>Darren Teale</i></p> <p>Exit Entrance <i>Federica Foglia</i></p> <p>Mohajer (camp-e-forsat) <i>Anna Knappe</i></p> <p>Age group: 18+</p>	<p><b>INNER SPACE II</b> 14:00 - 15:30</p> <p>On Earth <i>Ya'lr Gabriel Magall</i></p> <p>Memories Of You <i>Bart Schrijver</i></p> <p>The Night Of All Things <i>Valérie Delpierre</i></p> <p>They Are There But I Am Not <i>Ye Mimi</i></p> <p>Face It <i>Aditya Pawar</i></p> <p>Age group: 18+</p>
	<p><b>GENDER SPACES</b> 16:30 - 18:30</p> <p>Drawing on a global range of perspectives, these films examine the world through the lens of gender.</p> <p>Maria <i>Afro de Falco</i></p> <p>The Dusk <i>Suruchi Sharma</i></p> <p>Heart Sisters <i>Anton and Kajsa Textur</i></p> <p>Age group: 18+</p>	<p><b>SPACE EXPLORATION</b> 16:30 - 18:30</p> <p>Venturing into the vast space surrounding Earth, this session explores the relationship between human and cosmos.</p> <p>I look at Diamonds For a living <i>Jessica Hutchison</i></p> <p>Novae <i>Thomas Vanz</i></p> <p>Out of Reach <i>Alexandra Allen</i></p> <p>Leonids <i>Michael Hudson</i></p> <p>Earth 2084 <i>Nuno Sá Pessoa</i></p> <p>A Silent Scream <i>Christian Skibinski</i></p> <p>Off <i>Lukáš Gregor</i></p> <p>Age group: 18+</p>





TALKS

PANEL

## VENUE : GOA SCIENCE CENTER

11 NOV SATURDAY	TIME	TIME	12 NOV SUNDAY
<b>S. BHUVANESWARI</b> Space In Indian Philosophy	10:00 - 10:45	10:00 - 10:30	<b>PANKAJ SEKHSARIA</b> Islands In Flux
<b>ALEX GAGLIANO</b> Cosmic Perspectives in a Global Society	10:45 - 11:15	10:30 - 11:00	<b>AARON LOBO</b> Marine Ecology
<b>ANAND GANDHI</b> Parasites, Symbionts, Commensal	11:15 - 11:45	11:00 - 11:45	<b>SIDDARTH WARRIER</b> How our brain perceives space
<b>EEFJE HUBERS</b> Jenaplan Schools	11:45 - 12:15	11:45 - 12:30	<b>EXPLORING THE CANVAS OF UNPERSONED ARIEL SYSTEMS</b> Panel
<b>PSYCHOLOGY OF WASTE</b> Panel	12:15 - 13:00	12:30 - 13:00	<b>NIRMAL KULKARNI</b> Living With Pythons
<b>BREAK</b>	13:00 - 13:15	13:00 - 13:15	<b>BREAK</b>
<b>HOJUN SONG</b> OSSl Film + Discussion	13:15 - 13:45	13:15 - 13:30	<b>POETRY CLUB PERFORMANCE</b>
<b>HOJUN SONG</b> How to think Anto-causal	13:45 - 14:30	13:30 - 14:15	<b>RAKESH RAO</b> Astroproject Film + Discussion
<b>STUDENT TALK</b>	14:30 - 14:45	14:15 - 15:00	<b>PRAFULLATA RAJPUT</b> Yukti, Tarqa, Galpa
<b>AKASH HALANKAR</b> Srishti Interim Roundup	14:45 - 15:00	15:00 - 15:15	<b>SHIVARAM A</b> NID Roundup
<b>RUSSELL ARNOT</b> Exploring the deep: Ocean vs Space	15:00 - 15:30	15:15 - 16:00	<b>ART - SCIENCE COLLABORATIONS</b> Panel
<b>DR. HENRY THROOP</b> NASA's New Horizon mission to Pluto & beyond	15:30 - 16:45	16:00 - 17:15	<b>SUNDAR SARUKKAI</b> Philosophies Of Space
<b>DEAN D'CRUZ</b> Public and Private Spaces	16:45 - 17:15	17:15 - 18:15	<b>DIFFICULT DIALOGUES:GENDERED SPACE</b> Panel
<b>SUSTAINABLE GOA</b> Panel	17:15 - 18:15		

## HOW DO I REGISTER?

The festival is **FREE** and open to all.

Pre-registrations are needed for workshops.

You can fill out the forms on their respective project pages via the programme online:

**WWW.THESTORYOF.ORG/SPACE2017/PROJECT**

Most live experiences, films, and talks and panels require on the spot registration due to limited seating /experiencing capacity.

The festival has been made possible by sponsorships and donations from our patrons.

Please patronize our festival shop and food vendors when you visit the festival.

## SUPPORT THE FESTIVAL

Support this radical and new platform to help redefine learning for all ages and enable collaborations for a better society.

To donate visit our crowdfunding page

**www.thestoryof.org/space2017/donate**

## HOW DO I GET AROUND?

### HOP ON HOP OFF BUS

You can collect your discounted Hop On/Hop Off tickets (INR 50) from any of our festival kiosks and use the bus for traversing the festival route for a day!

### CYCLE AROUND

You can rent a cycle from **Cycling Zen**

The pick-up and drop off point for the cycles is Garcia De Orta garden.

Do carry some cash for a deposit.

#### Rates:

Rs. 200 – normal bicycles  
Rs. 250 – premium bicycles  
Rs. 350 – electric bicycles

### TRAVEL BY BUS

The route from Kadamba Bus Stand (in Panjim) to Goa University (Beyond Dona Paula) stops at most of the festival locations.

Standard fare: Rs. 10/- within Panjim

#### Get off at:

- Miramar Circle to walk to Goa Science Center
- Kala Academy
- Panjim (Fish) Market
- Adil Shah Palace and to walk to Garcia de Orta
- Kadamba Bus Stand to walk to Central Library.

## NOTE FROM FESTIVAL EVALUATION TEAM

The Story of Space explores 'Space' and its connections to science, philosophy, art, and culture. Over 200+ researchers, artists, scientists, cultural practitioners, educators, and more have dedicated the last two years to make this festival possible.

We would love to know what you think about their work and the festival.

We have organised interactive activities at venues where you can share your feedback.

Your response will help improve the festival and will make our work impactful.

Interact with the installations and leave your mark on the Story of Space.

Also, feel free to stop by and say hello to our volunteers. They would love to hear from you :)

Get in touch: [hello@thestoryof.org](mailto:hello@thestoryof.org)

# THE STORY OF SPACE FESTIVAL VENUES

## 1 GOA SCIENCE CENTER

- a. THE EVOLUTION OF VOID - Manuel Scottichini, Giuseppe Bozzi, S Bhuvaneshwari ●
  - b. SOUNDS OF THE SPECTRUM - Alex Gagliano, Jackie Bertone ●
  - c. WHO DOES THE SEA BELONG TO - Tia Kansara, Mudita Pasari ●
- VENUE FOR FESTIVAL TALKS, PANEL DISCUSSIONS AND FILM SCREENINGS** ● ● ●

## 2 SUKERKAR HOUSE

- a. CULTURAL SPACES - Leonie Roessler ● ●
- b. EX NIHILIO ESCAPE ROOM - Ran Peleg, Claudia Sodini, Abrar Burk ● ●
- c. MISSING WOMEN - Flora Barros, Helena Wolfenson, Veronica Devia ● ●
- d. NORTHERN SHADOWS - Aalto University - New Media ●

## 3 GARCIA DE ORTA

- a. ADRIFT - Chitra Chandrashekhar ●
  - b. FREEDRAW - Sameer, Lokesh, Rahul ●
  - c. NEIGHBOURING FRONTIERS - Ana Bloom ●
  - d. RAINBOW ON WHEELS (mobile) - Sekiguchi Tsuneo ●
- VENUE FOR FESTIVAL EXPERIMENTAL STAGE**
- e. SHIFTING - Pavithra Dikshit ●
  - f. SPEAKER'S CORNER, HAVE A CUP OF TEA - Devanshi Shah ●
  - g. SCALES OF TIME - Henry Throop, Miti Desai ●
  - h. POETRY CLUB - Ankita Shah, Siddharth Warriar, Lavina Pereira, Ramneek Singh ●
  - i. BENDING THE TEA SHOP - Hojun Song ●
- VENUE FOR FESTIVAL MERCHANDISE SHOP, FESTIVAL TEA SHOP**
- Starting Point* - SOUND WALK - Leonie Roessler ● - (PANJIM CHURCH ENTRANCE)

## 4 ADIL SHAH PALACE

- a. ANATOMICAL STUDIES OF OUR ANCESTORS - Diptej Vernekar ●
- b. BREATH - Ana Bloom ●
- c. COSMIC CONSCIOUSNESS - National Institute Of Design ●
- d. KINETIC SCULPTURE - Gaurav Patekar ●
- e. METEOROID INSTRUMENT - Robin Meier ●

## 5 CENTRAL LIBRARY

- a. IN MY MIND - National Institute Of Design ●
- b. INTERSTELLAR ICONOCLASTS - Deepthi Datt ●
- c. ISLANDS IN FLUX - Pankaj Sekhsaria ●
- d. SPACE THROUGH TIME - Tanya Mehta ●
- e. UNEQUAL SCENES - Johnny Miller ●
- f. MIGRATORY CULTURES - G. Craig Hobbs, Robin Lasser ●

## 6 SADHANA DELL ARTE

- a. DUET - Quicksand and Invisible Flock ●
- VENUE FOR FESTIVAL WORKSHOPS**
- b. EXPLORING THE INDIAN AESTHETIC SPACE - S. Bhuvaneshwari ●
  - c. SPACE IN PERSONAL RELATIONSHIPS - Rachna Patni Pereira ●
  - d. BODY MOVEMENT & SPACE - Flora Barros ●
  - e. CREATE A SIX-MONTH PINHOLE CAMERA - Nick Sayers ●
  - f. A STRANGE NEW SPACE - Tessa Bide ●
  - g. POETRY CLUB - Ankita Shah, Siddharth Warriar, Lavina Pereira, Ramneek Singh ●
  - h. PASSIVE DISSENT - Devanshi Shah ●
  - i. DONT COMPRESS ME - Hojun Song ●
  - j. 12 HOURS OF SOUND - Da Saz, Robin Meier, Gold&Silver, Hemant Sreekumar, Sound.Codes and Pluggy ●
- Meeting Point* - FIELD RECORDINGS FOR CHILDREN - Leonie Roessler ●

## 7 CAMPAL INDOOR STADIUM - DURATIONAL

- a. AEROMODELLING & WALK ALONG GLIDING - T.R. Ananthanarayanan ●

## 8 KALA ACADEMY

- a. STRANGE NEW SPACE - Tessa Bide ●
- b. MIGRATORY CULTURES - G. Craig Hobbs, Robin Lasser ● ●

*Starting point* - CYCLE THE SOLAR SYSTEM - Nick Sayers & Megan Argo. ●  
(ENTERTAINMENT SOCIETY OF GOA)

## 9 91 SPRINGBOARD

- b. CLEAN LANGUAGE - Mathias Durand & Julia Stern ●
- c. POETRY CLUB - Ankita Shah, Siddharth Warriar, Lavina Pereira, Ramneek Singh ●
- d. SCIENCE COMMUNICATION - GETTING CREATIVE - Pedro Russo ●
- e. BLANK SPACE - Pushpanjali Sharma, Gautam Nima ●
- f. SPACE AVAILABLE - Thomas Heidtmann ●
- g. ART, ETHICS, AND SPACE - Sundar Sarukkai ●

## 10 FRANCISCO LUIS GOMES GARDEN

- a. ARE WE ALONE? - Kalyani Tupkary, Rucha Joshi, Jazeela Basheer ●
  - b. FACING SPACE - Karin van der Molen, Sally Kidall ● ●
- Starting point* - EVOLUTION OF THE STARS - Instytut B61 / Jan Świerkowski ●

## 11 PANJIM MUNICIPAL MARKET

- a. FREEDRAW - Sameer Kulavoor, Lokesh Karekar, Rahul Malandkar ●

## INSTITUTE MENEZES BRAGANZA

- a. TEACHING WITH MIME - Ran Peleg ●
- b. JUGGLING & SCIENCE - Claudia Sodini ●
- c. A STRANGE NEW SPACE - Tessa Bide ●
- d. CONSERVATION IS A STORY OF SPACE - Coralie D'Lima & Prafulata Rajput ●
- e. MIGRATORY CULTURES - G. Craig Hobbs, Robin Lasser ● (MENEZES BRAGANZA GARDEN)
- f. CREATING A SPACE FOR LEARNING - Madhulika S. ●

## 13 FUNDACAO ORIENTE

- a. THE ACOUSTIC HISTORY OF GOAN HERITAGE - Akash Sharma, Snehal Thomas (Sound Codes) ●
  - b. ACOUSMATIC CLEAN SPACE - Mathias Durand & Julia Stern ●
  - c. ARCHITECTURAL BEINGS (With I AM video projection), THE COORDINATOR (AUGMENTED REALITY), - René Fadinger, Elisabeth Winkler ●
  - d. A NIGHT OF PROPHECY - Amar Kanwar ●
- Meeting Point* - FIELD RECORDINGS FOR ALL - Leonie Roessler ● .
- Starting point* - FREEDRAW - Sameer Kulavoor, Lokesh Karekar, Rahul Malandkar ●  
(OLD QUARTER, FOUNTAINHAS)

## 14 ALLIANCE FRANCAISE

- a. BREATH - Ana Bloom ● ●

## 15 GALLERY GITANJALI

- a. SHIFTING - Pavithra Dikshit ●
- b. POETRY CLUB - Ankita Shah, Siddharth Warriar, Lavina Pereira, Ramneek Singh ●

## 16 MOZAIC

- a. EXPLORING THE INDIAN AESTHETIC SPACE - S. Bhuvaneshwari ●
- b. COSMIC PERSPECTIVES IN A GLOBAL SOCIETY - Alex Gagliano, Jackie Bertone ●

## 17 6 ASSAGAO

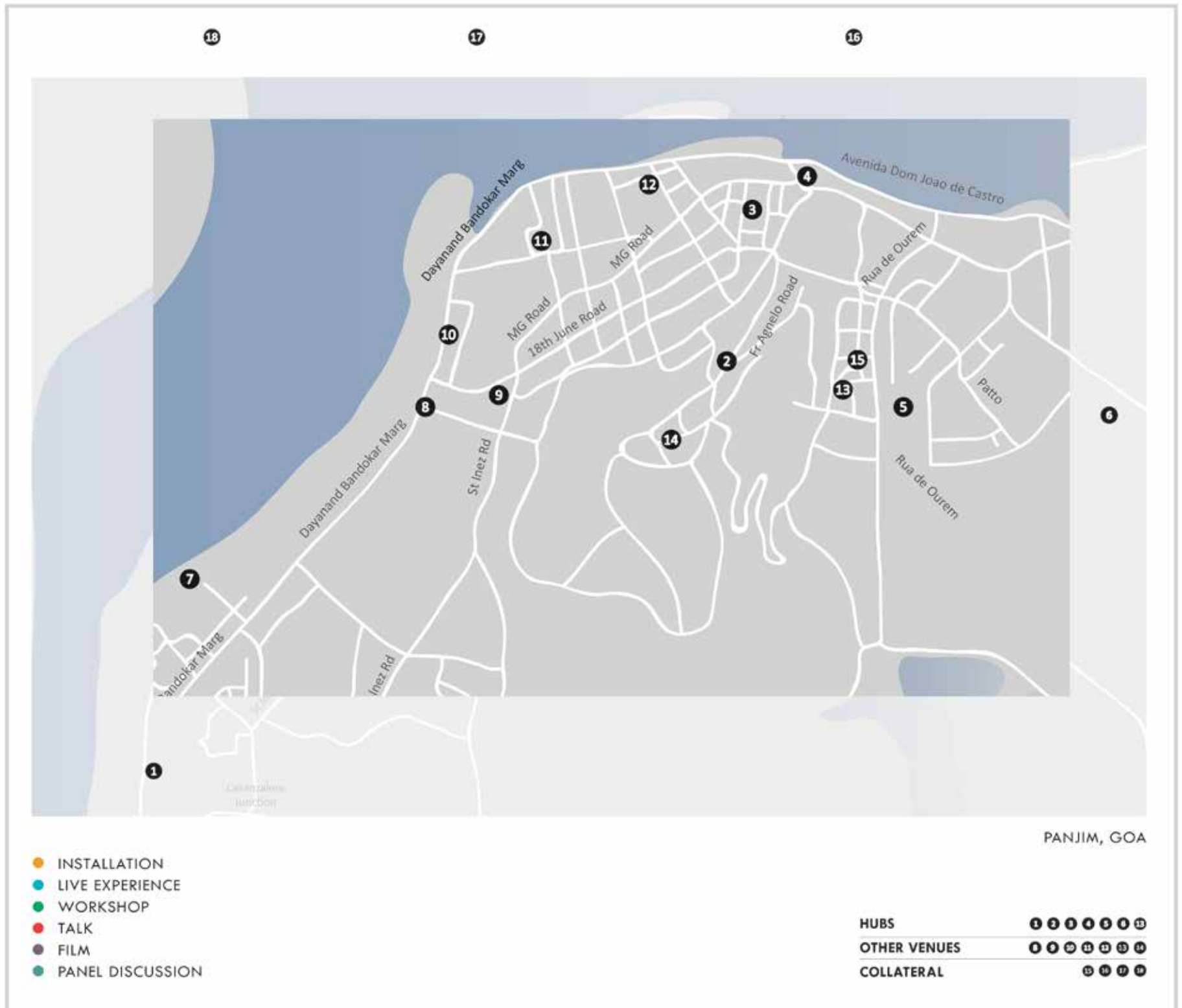
- a. PSYCHOLOGY OF WASTE - Mudita Pasari ●
- b. DIVING INTO OUR SPACE(S) - Thomas Heidtmann ●

## 18 MUSEUM OF GOA

- a. SELF-SPACE - Pushpanjali Sharma, Gautam Nima ●

### SITE SPECIFIC

- a. HUMAN OCCUPIER - Nadine Badlow ● - (Near Francisco Luis Gomes Garden 10)
- b. SPACINGS - Angela Chong ●
- c. I HOPE YOU FIND WHAT YOU ARE LOOKING FOR - Akash Halankar ● - (Silo near Kala Academy 8, Panjim Municipal Market 11)



All live experiences and workshops are durational at the respective venues mentioned.  
Please refer to the festival schedule for details. ● ●



## PROJECT DESCRIPTIONS

### 12 hours of sound

**Llonel Dentan, Hemant Sreekumar, Gold and Silver (Hojun Song), Robin Meier, Pluggy (Karan Gour)**

Come immerse yourself in a unique twelve hour experience of sound. Join Da Saz, Robin Meier, Gold & Silver, and Hemant Sreekumar in exploring sound and the different experimental practices that go into producing it, in ways that makes us realize how sound gives shape to the spaces around us through our perception of it. There will also be an after party with music performances by Pluggy (Karan Gour) and Sound.Codes.

6 j **LIVE EXPERIENCE**

### A Night of Prophecy

**Amar Kanwar**

Through poetry emerges the possibility of understanding the past, the severity of conflict and the cycles of change. The film travels in the states of Maharashtra, Andhra Pradesh, Nagaland, and Kashmir. Through poetry you see where all the territories are heading towards, where you belong, and where to intervene, if you want to. The narratives merge, allowing us to see a more universal language of symbols and meanings. This moment of merger is the simple moment of prophecy.

13 d **LIVE EXPERIENCE**

### A Strange New Space

**Tessa Bide**

Amira is completely obsessed with space and dreams of becoming an astronaut. But one night, the bangs, whooshes and fizzes of her imagination explode right out of her dreams, becoming a deafening reality. In the darkness, Amira must leave her hometown to go on an adventure, to find a safe space. An original one woman show without words, A Strange New Space melds physical theatre with stunning puppetry and original music. In this production, the audience will travel with Amira on an imagined voyage into space, which is paralleled with her real-life journey as a refugee across continents.

8 a **LIVE EXPERIENCE** | 12 c **LIVE EXPERIENCE** | 6 f **WORKSHOP**

### Acousmatic Clean Space

**Mathias Durand & Julia Stern**

Acousmatic sound and music originates from the Pythagorean idea that in order to fully concentrate on and appreciate audio, you shouldn't be able to see where its source. Mathias and Julia invite you to enter a 'clean space', with a specific subject or question in mind, which you will place there. Walk through this installation and discover sounds coming from different objects or materials in your surroundings. Some voices that you hear, invite you to link personal memories, thoughts or feelings with your understanding of the space. The associations you make between the inner and surrounding space produce new knowledge and viewpoints. This clean space has the ability to reveal to oneself unexpected and helpful information, which relates to the question or subject you kept in mind at the starting point.

13 b **INSTALLATION**

### Adrift

**Chitra Chandrashekhar**

Chitra Chandrashekhar is a visual storyteller and Design educator who is concerned with how we treat space as a lifeless object to be divided or owned. She is interested in storytelling formats that require the audience's participation to build the narrative, since most forms of live storytelling are one-way with limited interaction between the storyteller and the listening audience. Adrift is a visual metaphor on the personification of space. The project creates a participatory social space to observe audience behaviour and attitudes towards stories, space and shared ownership. Chitra will facilitate dialogues with the audience in real-time, using doodles, notes and maps. These responses will be compiled into a graphic novella on the canvas, allowing the contributors to appreciate their shared sense of ownership and authorship.

3 a **INSTALLATION**

### Aeromodelling and Walk Along Gliding

**TR Ananthnarayanan**

Put simply, space is the distance between two defined points. Since air travel first became possible, we have been able to travel vast distances in shorter periods of time. This has led to a drastic change in our perceptions of space and distance. For many, the world has now become 'a global village'. The focus of this workshop is the understanding and application of aerodynamics. The study of aerodynamics was instrumental to the rise of air travel and later rocketry and space travel. Making an object that can be easily flown is a fascinating experience for all ages. The workshop includes an introduction to the basic principles of aerodynamics, followed by an introduction to aero-modeling and to techniques that enable flight without any motor or power source. It's almost like magic!

7 a **WORKSHOP**

### Anatomical Studies of our Ancestors

**Diptej Vernekar**

In 15th century Japan, a shattered Chinese tea bowl in the palace of a Japanese king inspired Japanese craftsmen to seek more aesthetic means of repair. Some began to deliberately smash valuable pottery to find new techniques. Bits of these shards made their way to Goa. Years later, they were discovered by a local fisherman, and stitched with black Joinery. Eventually, Goa's hot climate distorted the pot. Diptej's sculptures are about the history of material and its importance conceptually and are made from materials that link back to Portuguese colonialism in Goa. Time, or constant change, ties the sculptures together. These sculptural objects are partial truths, always affected by the space they inhabit. Whether it's melting wax, drying shrubs, or melting tar— all these are metaphorical representations of our own mortality.

4 a **INSTALLATION**

### Architectural Beings (with I AM video projection)

**René Fadinger, Elisabeth Winkler**

Imagine empty space contained within an architectural structure. Space that has intelligence and memory. In an effort to emancipate itself from the structure it is confined within, it changes its form constantly. Through metamorphosis, from gaseous to solid state, and from solid to gaseous (known as sublimation), the form this intelligent space, caught in a moment of crystallizing into solid form. The space is seeking a new abstract form to inhabit, one that will allow it to explore higher dimensions of existence. It will continue to change its state of matter and density until it gets bored of the physical realm and becomes a formless entity in infinite space. This installation can also be understood as a metaphor for human life— raising questions about our journeys of emancipation and our inevitable return to nothingness.

13 c **INSTALLATION**

### Are we Alone?

**Kalyani Tupkary, Rucha Joshi, Jazeela Basheer, Priyam Vadaliya**

The installation aims to explain in simple language the possibility of the existence of alien life-form. It is a composite of an audio visual experience, a tactile interactive exhibit and a user input-based installation. Exhibit one leads the visitors to a pitch dark area, guided only by an audio track. Walking through the corridor triggers off lights, making the room resemble outer space. The audio guide explains what Drake's Equation and Fermi Paradox means. Exhibit two and its objects are completely white washed. The visitor can interact with the objects in any way possible. Each object questions the absence of contact with extra-terrestrials. The experience ends in Exhibit three, with the audience being asked the big question, 'are we alone?' This interactive exhibit is a three dimensional representation of a statistic.

10 a **INSTALLATION**

## PROJECT DESCRIPTIONS

### Art, Ethics and Space

Sundar Sarukkai

This workshop will deal with some central conceptions of space but with a specific focus on art and aesthetics, as well as to ethics. For example, spaces are created in complex ways in the practice of art. It is also essential to the very formation of social spaces. What brings these together are some important ethical themes which Sundar will explore in this workshop. The workshop can be seen as a larger space where we can collectively think about space and its relation to art and ethics.

9 g **WORKSHOP**

### Bending the Tea Shop

Hojun Song

Bending the Tea Shop is a stage where the lines between performers and the audience get blurred. It experiments with a new performance setup that promotes failures rather than a prepared performance.

3 i **LIVE EXPERIENCE**

### Blank Space

Pushpanjali Sharma, Gautam Nima

Blank Space' is a workshop where participants have the opportunity to explore the boundless Self, moving between what is known to us about ourselves and what is yet unknown. This will be facilitated through the use of somatic body-awareness, conscious movement and dance. It will be a collective exploration into how we perceive Space within ourselves and around us. Atoms are 99.9999999999% EMPTY SPACE. And we are made of atoms. The body is essentially interpenetrating wave like motions. Hence, we are essentially movement. Yet we perceive ourselves to be solid. Our solid sense of the Self, comes with us creating solid identities. Over years we come to develop a very rigid sense of the 'I' with its physical identity, emotional identity, social identity, creative identity and universal identity already boxed- defined.

9 e **WORKSHOP**

### Body Movement & Space

Flora Barros

A dance workshop, led by Flora Barros, which will work around the use of the body relating to the space that surrounds it. She will employ the principles of Rudolf Laban, an architect and a pioneer of contemporary dance, who developed a technique to think about movement throughout space. So the movement would not only come from the inner emotions or from a specific technique, like ballet, but would relate to our kinesphere. As an example: a specific part of the body will move in a circular way to reach a very specific point in a diagonal position related to the body. Or the body will move, drawing a line on the floor, or a circle in the air and so on. Max 20 participants.

6 d **WORKSHOP**

### Breath

Ana Bloom

Breath is the energy that keeps us alive, physically and spiritually. But what happens when our breath is made to stop? How do we react and what does this reaction signify? In this exhibition, photographer and visual artist Ana Bloom invites us to reflect on the act of breathing as the most universal human experience. Restricted by the hostile environment of water, the subjects of Bloom's portraits are struggling for life. With their heads submerged, they float as they can. BREATH questions our relationship to the ocean and nature, and to migration through these spaces, and those beyond them. The artist believes that every human being has a strong relationship to death. Her work reminds us of our place in the universe between the rhythm of breath and the point at which it ceases.

4 b **INSTALLATION** | 14 a **WORKSHOP** |  
14 a **INSTALLATION**

### Capture the sun with a six-month pinhole camera

Nick Sayers

Capture the sun with a six-month pinhole camera! This workshop gives people a different perception of the passage of time, seasons, and how this can be recorded with a long-exposure camera. It also shows what can be done with commonly available recyclable materials.

6 e **WORKSHOP**

### Clean Language

Mathias Durand & Julia Stern

Mathias and Julia will initiate the participants on different modes of listening and the way to practice ecological communication. The workshop will be a gateway to this technique of communication. They will then link this technique of how to listen to acousmatic music. The participants will learn how to develop and sharpen perception via emotion. Practically, participants will generate metaphors from their emotions and Mathias and Julia will apply clean language between participants, based on their self-generated metaphors on the theme 'Listening / Listening to the other / Listening oneself'.

9 b **WORKSHOP**

### Conservation is a Story of Space

Coralie D'Lima + Prafullata Rajput

The story of conservation is essentially a story of space in which humans interact with wild species, the natural spaces they inhabit, and the consequences of this interaction. Dr. Coralie D'Lima will discuss how the traditional relationship between humans and natural spaces has deteriorated and moved towards a preservationist approach, and how the importance of humans in conservation has now been re-established. She will highlight past approaches to conservation on the Indian subcontinent, the failure of the western protectionist model, and its negative outcomes. There will be a Bharatnatyam dance narrative by Dr. Prafullata Rajput that will run parallel to the talk. The performance has been conceptualised by Prafullata and choreographed jointly by her Guru Ms S. Durga Lakshmi and will be performed by Nrithiya Neelambari and Prafullata. A guided Q & A session will follow.

12 d **LIVE EXPERIENCE**

### Cosmic Consciousness

National Institute of Design - Exhibition Design

The installation developed by the students of the National Institute of Design aims at expressing the vastness of the universe. It employs the use of a series of frames that together form the night sky at a realistic scale. The frames are arranged to depict light years as distances between the celestial bodies. Through the use of lighting and interactive features, this installation acts as a learning tool where people may familiarise themselves with constellations and the stars at an intimate level, and yet perceive the grandiose nature of space and its distances.

4 c **INSTALLATION**



## PROJECT DESCRIPTIONS

### Creating a Space for Learning

Madhulika S

In this workshop, Madhulika will guide educators on how to create a space conducive to learning. Immense learning happens when we aren't focused on one particular direction, discipline or subject. By surrendering to the unknown, we create the space for a deeper knowing to emerge. A teacher or facilitator must work on themselves to allow for such deeper knowing to emerge in multi-dimensional interactions. When a teacher or facilitator creates space through unconditioning their teaching and learning habits, the learner can grow and develop in emotional, psychological realms with an outcome for social transformation. Science and Science Education can very effectively create such multidimensional experiences in engagement with art and design. Interdisciplinary work blurs the boundaries of known knowledge and allows knowledge construction through learning journeys in unknown realms.

12 f **WORKSHOP**

### Cultural Spaces

Leonie Roessler

Leonie's work revolves around perceiving, recording, and recreating space. Her focus lies on bringing awareness to the acoustic and cultural properties of auditory spaces to people in their own environment. She strives to preserve these spaces, since they change with time. Some sounds become extinct (natural sounds, sounds of old technologies or old modes of transportation). New sounds emerge and penetrate our spaces—from phone jingles to drones. Leonie archives the sounds particular to a cultural and physical space, and turns them into compositions and well-organized archives for the future. The festival installation will consist of separate pieces Leonie has made of different countries she has visited: The Netherlands, Lithuania, Iran, and now India. The pieces are about 45 minutes long and can be looped to create an ongoing installation.

2 a **INSTALLATION** | **LIVE EXPERIENCE**

### Cycle the Solar System

Nick Sayers, Megan Argo

Cycle the Solar System is a 4.5km cycle ride along the Panjim coast road, that explores our solar system at a scale of 1:1,000,000,000. There will be an expert-guided tour of the planets (represented by flags and fruits) along the way. During this tour, participants will explore the very different sizes and environments of the Sun, eight planets and asteroid belt; see the scale of the planets in the context of the urban environment; gain a better understanding of their nearby neighbourhood in space; and discuss the politics and philosophy of space travel—for instance, a discussion on the ethics of spending on national and international space programmes when there are high levels of poverty in the world. For 10 yr and older. Participants under 16 must be accompanied by adults.

8 Starting Point **LIVE EXPERIENCE**

### Don't Compress Me

Hojun Song

To find movements that cannot be compressed easily by video codec algorithm, participants are required to move suddenly, un-continuously, and randomly. To achieve this, participants have to fight against their trained habits and logical thoughts.

6 i **WORKSHOP**

### Duet

Quicksand and Invisible Flock

The installation includes recordings of messages across India and the UK, layered with sounds from different cityscapes across both countries, to create an intimate and immersive artwork. The source of these messages was an app that paired people from both countries. In order to get to know the person they were partnered with better, each app user responded to question prompts, slowly over a period of time. Those responses were recorded on the app's website. Duet has built 'audio portraits' of these messages in a sound installation that allows the audience to wander through them and find conversations.

6 a **INSTALLATION**

### Evolution of the Stars

Instytut B61 / Jan ?wierkowski

Jan and his team will explore the story of dehumanization of cosmic space. The Evolution of the Stars consists of six audio-visual installations that tell the story of the life and death of stars. The installations describe the evolution of matter from the clouds of cold gas and dust, through the main sequence stars, the amazing supernovae blast and finally, the presence of metals in human blood. These narratives explain that the cosmos is built of stars and galaxies rather than planets, continents or countries. Thus, humans also, are made of the stuff of stars. The exhibition will consist of intriguing visual and audio metaphors projected in locations around the city. Spectators will be invited to embark on a journey which will inspire wonderment on the mysteries of space.

10 Starting Point **LIVE EXPERIENCE**

### Ex Nihilio Escape Room

Ran Peleg, Claudia Sodini

Creatio ex nihilo' means 'creation out of nothing'. In the middle of an apparently empty space, there is a medium sized box, and nothing else. Careful examination of the box yields a clue – pull a tiny button and a drawer opens. Place your hand in the right place and something moves. Each correct action reveals something new in the box and in the space. What seemed an empty space reveals itself to possess hidden energies that are invisible, yet exist all the time (such as light, sound and wave energies).

2 b **INSTALLATION** | **LIVE EXPERIENCE**

### Exploring the Indian Aesthetic Space

S. Bhuvaneshwari

Philosopher S Bhuvaneshwari is an expert on various Sanskrit theatrical concepts and invites you to explore them in relation to space in this workshop. At the workshop participants will be taken through a presentation that demonstrates physical movements and subtle concepts drawn from Sanskrit plays. On understanding this context and approach, the facilitator will speak of 'aesthetic spaces' allowing each of the participants to explore their own. The workshop will also serve as a platform for them to express their explorations. Participants will be required to carry a pen and notepad.

6 b **WORKSHOP** | 16 a **WORKSHOP**

### Facing space

Karin van der Molen, Sally Kidall

Space is the field around us. Our space may be constricted by others or by ourselves. The unique 'birdcage' installations, designed and built by artists Karin and Sally, prompt you to contemplate this idea. Made from locally sourced material, they are used as building blocks to construct 7-9 columns, suggesting the human figure. They have openings in different places. Passers-by can stick their head, hand, arm or leg maybe even their entire body (if they are small enough) into the cage to experience the constricted space and the feeling of liberation when they exit the cage. This might arise to questions about the spaces you inhabit in your life. How do they make you feel?

10 b **INSTALLATION** | **LIVE EXPERIENCE**

## PROJECT DESCRIPTIONS

### Field Recording for All

Leonie Roessler

The Workshop has two sessions: 1. Introduction Students learn about equipment and recording techniques in various spaces and environments. Participants can use their phone, or with a handheld recorder. They will even get an opportunity to use pro-equipment. Exercises are devised to collect specific types of audio material and to explore different types of spaces. The philosophical part of the lecture deals with the question of why the same space sounds different when recorded by another. 2. Processing the Recordings/Making a Piece. Free audio software is downloaded and students are thought how to cut and process the sound, which material to choose, and how to create a simple sound collage. Students exchange their favourite sounds recorded during the workshop and make a small piece with these sounds. The results are then discussed.

13 Meeting Point **WORKSHOP**

### Field Recording for Children

Leonie Roessler

Leonie and the children will spend some time sharing their thoughts about sound. What do the children hear? Which sounds are funny, scary, annoying? Which ones are important for our survival? Where can they find their favourite sound in the near surroundings? She will then give a quick and simple introduction to her equipment. They will then go in search of the kids' favourite sounds and they will get to record them using Leonie's pro mic and recorder. They will also get to record a short soundwalk (a walk that that represents more than one physical space and acoustic environment) of their choice. As they listen back, the group will discuss why the same sounds recorded by different people sound different.

6 Meeting Point **WORKSHOP**

### Freedraw

Sameer Kulavoor, Lokesh Karekar, Rahul Malandkar

Freedraw is an exercise about understanding how people gather different impressions of the same space, how they are sensitive to, and take responsibility for, their surroundings in various ways. The objective of this two-day workshop is simple—to draw freely in a new environment. Each drawing differs in the perspective it offers, ranging from layered observations of Fontainhas, the Latin Quarter, and the Panjim market, to impressions of the space inspired by the artist's unique view of their surroundings. These drawings are an encounter between the individual artist, the space around them and the fusion of personal observation and past experience. Where we draw influences what we draw and how our subjects are rendered.

3 b **INSTALLATION**

### Freedraw

Sameer Kulavoor, Lokesh Karekar, Rahul Malandkar

In the past, Sameer and Lokesh have organised Freedraw sessions at a number of outdoor/indoor spaces in Mumbai. The number of people in these sessions have varied from 10 to 50 ranging from art students, professionals to art enthusiasts of different ages. The motive behind these sessions is – to draw freely in a new environment. Where we draw influences how and what we draw – not only in the choice of subjects but also the nature of lines and the colour palette. The act of drawing helps us see our subjects better. Freedraw at Story Of Space 2017, spread across two days, will be a unique exercise in understanding how different people gather different impressions of the same space. The drawings will be kept on display at the end of each session.

11 a **WORKSHOP** | 13 Starting Point

### Have a Cup of Tea

Devanshi Shah

Have a Cup of Tea is a tea inspired by the "Mad Hatter's Tea Party", the table has been set, and you, dear audience, are invited to join us for tea. Come as your most unique self, in the most eccentric clothes you own! This is an intimate, safe space that encourages constructive criticism and openness to contradictory opinions.

3 f **LIVE EXPERIENCE**

### Human Occupier

Nadine Badlow

In her installation of biomorphic structures, "HUMAN OCCUPIER", Nadine considers the relationship between men and nature as assuming divergent positions, rather than existing as a unit. Through her art, she analyses recent development, in which men seem to be driven to occupy more and more space, while also optimizing their living space in a dominant way, and on their own terms. As a result of that obsession with optimization, green areas were freed from weed, urban parks were arranged in geometric shapes and rivers were straightened. Even if there seems to be a trend for "renaturing", industrialization and the development of a far-reaching man-made infrastructure seems inevitable. There is hardly any place on earth where humans have not been. Nature is subordinated in these processes and rarely seen as an equal part.

19 a **INSTALLATION**

### I hope you find what you are looking for

Akash Halankar

The staggering rate of technological progress in the 21st century has improved our lives and increased possibilities. Such advancement has also contributed to the increasing isolation of humankind as people spend more time in "virtual" worlds or seeking validation from social media, and less time observing their environment or interacting with fellow humans. We are losing the art of nonverbal communication, with which we once easily understood social cues. On a mission to free our minds from the prison of these virtual spaces, artist and type enthusiast Akash Halankar has used 'anamorphic typography' to hide several messages around the city. These messages are selections, in both Devnagri and Roman scripts, of the Konkani proverbs compiled by Goan writer Jose Lourenço for the calendar "The Wit & Wisdom of Ancient Goa".

19 c **INSTALLATION**

### In My Mind

National Institute of Design - Exhibition Design

Enter the mind spaces of the neurodevelopmentally different through this accordion-shaped pod. It features interactive exhibits that allow you to better understand how different sorts of stimuli affect our minds. Witness how different minds process the stimuli through interactive lighting which imitates the firing of neurons. The information explaining how the mind works intends to raise awareness about neurodevelopmental disorders and create empathy amongst audiences of all ages, which will encourage an attitude of inclusiveness and acceptance towards people with ASD.

5 a **INSTALLATION**

### Interstellar Iconoclasts

Deepti Datt

Experience the ways five Indian women have traversed literal and conceptual 'space', far beyond the final frontiers. KESARBAI KERKAR The classical vocalist from Goa, whose music found a place on the Golden Record aboard the Voyager space probe. PERSIS KHAMBATTA Miss India 1965, model and actress, Persis is known worldwide as the iconic Lieutenant Ilia in Star Trek: The Motion Picture. KALPANA CHAWLA The first Indian woman to fly in space, Kalpana was a NASA astronaut who completed two space missions. She tragically died on her second mission in 2003. DR. USHA ADEBARAN SAGAR A fictional character created by Anjalika Sagar for the film-installations Otolith I & II. ASHA PUTHLI An Indian classical singer whose song, "Space Talk" (1976) was transmitted into deep space from Goonhilly Satellite Earth Station.

5 b **INSTALLATION**

## PROJECT DESCRIPTIONS

### Islands in Flux

Pankaj Sekhsaria

When you live on an island, awe, fear and humility at the beauty and impermanence of nature are everyday emotions. In his photography exhibit, Pankaj Sekhsaria, a researcher-writer, activist, and photographer, brings out the fragility of the Andaman and Nicobar islands' unique landscape. The photographs show the islands and the sea surrounding them in a constant state of flux, caused by tectonic movements, which although not frequent, affect the islands on a large scale. The fine silk prints moving gently in the breeze, heightens the sense of delicate fluidity and change that is at the heart of island ecosystems. Their size also gives a sense of the dimensions and scale of an earthquake and a tsunami and their impact on human infrastructure and wildlife.

5 c **INSTALLATION**

### Juggling and Science

Claudia Sodini

The nature of the workshop is both practical and theoretical. The aim is to let people know that juggling—and other circus skills—has a strong bond with science. Is it possible to juggle a Newton pendulum? Is centripetal force a juggler's friend or not? Can I juggle the mathematical site swap sequence of my date of birth? Claudia and the participants will try to find new questions and maybe try to answer some of them. Everybody will get the chance to experience the basic pattern of juggling with balls, sticks, tubes, everyday objects, etc. They will play...which means that they will do research, and have fun too! As Albert Einstein said, "Play is the highest form of research."

12 b **WORKSHOP**

### Kinetic Sculpture

Gaurav Patekar

Gestalt psychologists believe that the human brain tends to perceive forms and figures as complete even if one or more of their parts are hidden or made totally absent. This is also known as the law of closure. Designer and engineer Gaurav Patekar uses many small repetitive elements in his interactive, kinetic installation. Following the law of closure, these elements create and manipulate volume to generate different forms. Observe how the shape of the installation changes as you proceed through the space, how it responds to your presence and path of movement. Which patterns are created by these elements? What kind of mechanisms could be responsible for their movement? What can we learn when such patterns are made visible to us?

4 d **INSTALLATION**

### Migratory Cultures

G. Craig Hobbs, Robin Lasser

Migratory Cultures is a global, multidisciplinary, collaborative art project currently involving students, artists and professors from San José State University, California, and Srishti Institute of Art, Design and Technology in Bangalore, India. The project explores topics of migration, diaspora and flow documented in communities and projected using video mapping techniques onto urban architecture. Migratory Cultures is currently working in Bangalore to connect regional experiences of immigration with stories from around the world. Currently, they are collecting, editing, and translating local stories of immigration in Hindi, Kannada, and English in Bangalore. Imagery includes portraits of immigration stories as told by people representing 15 unique countries including: India, Mongolia, Russia, Mexico, Bosnia, Pakistan, Japan, Vietnam, Germany, Ethiopia, Mexico, Latin America, Yemen, Iran, and France.

5 f **LIVE EXPERIENCE** | 12 e **LIVE EXPERIENCE**

### Migratory Cultures

G. Craig Hobbs, Robin Lasser

Join the Migratory Cultures artist team from San Jose, California for this unique opportunity to learn video projection mapping, editing and motion graphics while collecting stories of migration during a two-day workshop at Kala Academy. Workshop participants will be taught video projection mapping software, and also assist in the recording, editing, and translation of migration stories from the Goan diaspora. Participants who complete the workshop will help in the creation of large-scale video projections mapped onto buildings and trees in Panjim, Goa for the Story of Space Festival. Please Note: This workshop is appropriate for artists and students of 18+ years of age, with experience in digital media, photography, video and other cultural workers interested in video projection mapping.

8 b **WORKSHOP** | **LIVE EXPERIENCE**

### Missing Women

Flora Barros, Helena Wolfenson, Veronica Devia

Missing Women is a multimedia interactive installation and performance that reflects on gender roles, social stigma and how we relate to the space around us. Is space for everyone? How are women occupying spaces? How is space dictating the way women exist?

2 c **INSTALLATION** | **LIVE EXPERIENCE**

### Neighbouring Frontiers

Ana Bloom

Neighbouring Frontiers is an exhibit of photographs made by the participants of Ana Bloom's workshop of the same name. The aim of this workshop was to empower each participant to document and understand their everyday fears and anxieties in their neighbouring spaces, with the help of a camera. The workshop was a space where participants could experience a sense of peace and hope. Ana has conducted this workshop in a diverse range of geographic, sociocultural places. This is her first Neighbouring Frontiers workshop in India.

3 c **INSTALLATION**

### Northern Shadows

Aalto University - New Media (Supervisor: Pipsa)

How do you create stillness in one of the busiest places in the world? Northern Shadows brings an idea of silence, distinct to Finland, into Goa, in an attempt to decrease some of the noise and movement that surrounds us here. Visitors enter a dark installation room. As they move, the projector starts to beam on to the bowls. Wherever they walk, the projector beams the reflected light on that part of the wall. Movement on the ground caused by their feet makes the reflections on the water restless and unclear. It's only through standing still that the visitor is able to see the northern lights. Led by faculty curator Pipsa Asiala, the Media Lab group from Aalto University is exploring new digital technology and its impact on society.

2 d **INSTALLATION**

### Passive Dissent

Devanshi Shah

Our current historical moment is making it more and more essential for us to find and create safe spaces for being ourselves. We need to rethink our modes of self-expression, healing, and understanding of whom and what 'the other' is. In order to create socio-political change, we must spread awareness of the consequences of not acting, of keeping quiet. This is the concept underlying Passive Dissent. In this workshop, there is a presentation and discussion of the current global protest movements, followed by a session where participants make their own posters using the creative strategies they have identified.

6 h **WORKSHOP**

## PROJECT DESCRIPTIONS

### Poetry Performance

**The Poetry Club - Ankita, Siddharth, Lavina, Ramneek**

In the workshop, we will explore "space" in poetry through structure, forms and imagery. We will also learn some important tools of writing poetry, while also delving into some of the influential forms / styles through classic and contemporary examples. The workshop will be conducted in English and Hindi.

**3 h LIVE EXPERIENCE**

### Poetry Workshop

**The Poetry Club - Ankita, Siddharth, Lavina, Ramneek**

In the workshop, we will explore "space" in poetry through structure, forms and imagery. We will also learn some important tools of writing poetry, while also delving into some of the influential forms / styles through classic and contemporary examples. The workshop will be conducted in English and Hindi.

**6 g WORKSHOP | 9 c WORKSHOP |  
15 b WORKSHOP**

### Rainbow on Wheels

**Tsuneo**

We both live in space, and are that space as well. We can communicate and understand each other because we share space. Japanese artist Tsuneo has used the rainbow as light for his installation, because we tend to forget about light, and we pay more attention to objects like screens instead. Tsuneo's 'rainbow on wheels' is a mobile space which allows us to look at light in the form of a rainbow and meditate on it, similar to how a yogi meditates with candle light. The rainbow will be projected at many different sites around the city, like a market, a park, a stage, or even on people.

**3 d INSTALLATION**

### Satellite Sonata

**Robin Meier**

Launched in 2006, the European Space Agency's CoRoT satellite measures the minuscule variations of the light of the stars. This twinkling of the stars can be translated into sound through digital synthesis. Using techniques of spectral composition and various contemporary notations, these sounds of the stars are then re-transcribed for brass ensemble. In collaboration with a local Indian brass ensemble, unfamiliar with contemporary music and playing styles is going to be trained in the interpretation of this score. Over two weeks, through recordings, videos and workshops the musicians learn to play these new sounds and will collectively elaborate this new music. The musical project is rendered tangible through an object created specifically for this event, a meteorite fragment. This iron from space will be transformed into a musical artifact that will accompany the composition and focus the exploration of sound and space into a sculpture.

**8 Opening Ceremony LIVE EXPERIENCE**

### Satellite Sonata (Muoniolusta)

**Robin Meier**

The molten core of a protoplanet hurls through space for 4.5653 billion years. After a violent collision rips it out of the planetary disk, that will become our solar system, it cools down a few degrees Celsius every 100,000 years. Its atoms interlock to form a crystallized metal. Finally, it collides with Earth and is preserved through 1 million years and 4 ice-ages in the Tundra of Sweden. Using techniques perfected by artists including Pinuccio Sciola from Sardinia and Svaram from Pondicherry, this iron from the sky is made to vibrate at its unique resonant frequencies, producing the sounds of the stars. This installation shows you that there is poetry in pure data collected by a satellite orbiting the stars.

**4 e INSTALLATION**

### Scales of Time

**Henry Throop + Miti Desai**

What is time? How do different cultures define time? As humans, our internal clock measures things in terms of seconds, to years. But to a hummingbird, human timescale may seem extraordinarily slow. And to a sloth or a giant tortoise, humans may seem inordinately fast. The Vedic time system is unique in that it can describe times from billions of years, to tiny fractions of a second. In this performance, astronomer Henry Throop and dancer Miti Desai will describe and interpret the different timescales used in science and culture. The audience can participate in this observation, interpreting the timescales of the local environment in Goa—from the motion of waves, to the setting of the sun, to the beating of the heart.

**3 g LIVE EXPERIENCE**

### Science Communication - Getting Creative

**Leiden University - Pedro Russo**

What is the interface between science and society? This workshop explores, in a practical way, the common space of science and society. We will explore several examples of public engagement with science, from video production to dialogue events. The workshop will also provide some ideas on how science communication can become a creative industry. The participants will gain real experience in how to develop and implement science communication projects of different scales and approaches.

**9 d WORKSHOP**

### Shifting

**Pavithra Dikshit**

Shifting will be a short solo performance based on the sub-conscious mental shifts people take in a modern Indian setting. They range across a series of subjects and showcase how one has to adapt to the idea that the gender rolls out like a red carpet in front of them. Whether they like it or not. Shifting aims to educate women, men and children on the idea that just because they are modern, does not mean they are free of gender bias. In many small ways, gender precedes and succeeds all that we do and that's a part and parcel of the many sub-conscious mental shifts that occur to people.

**3 e LIVE EXPERIENCE | 15 a LIVE EXPERIENCE**

### Sound Walk

**Leonie Roessler**

Soundwalk is a walk that leads people past interesting sounds, with places to pause in order to listen to specific things. A soundwalk gives us a chance to focus on our environment, to hear things we may have never noticed, to take a step back from mainly navigating this world with our eyes. Leonie will determine a fixed route that offers contrasting aural experiences. A visual artist from the festival will be assigned to accompany her and will create a map of the walk.

**3 Starting Point LIVE EXPERIENCE**



## PROJECT DESCRIPTIONS

### Sounds of the Spectrum

Alex Gagliano, Jackie Bertone

The Story of Space is the Story of Energy. All the light that we observe is electromagnetic energy propagating throughout the universe. What if we could use our ears, or our hands to study the cosmos instead of our eyes? Alex and Jackie take the frequencies of light, unique to each element and convert it into an aural frequency. A series of vibrating metal plates allow them to reveal these frequencies visually. By layering the audio and the patterns, they create new representations of water, humans, the Earth, and even the universe itself. In this exhibit, individuals use Bluetooth headphones and hear the elements in a star. As the participants walk, the elements they hear will change, based on the relative abundances of elements at that point in the star.

**1 b INSTALLATION**

### Space Available

Thomas Heidtmann

There is plenty of space for us to occupy – Outer Space, Virtual Space, and Physical Space. What are the limitations and possibilities in the artistic practice of these realms? During this workshop, we will learn how to use the open-source 3D application Blender, and Unity 3D to create our own worlds at the intersections of these realms. To achieve this, we will use 3D models from the NASA catalog, and textures and footage from free online repositories. We will learn basic 3D modeling and texturing techniques that help us to create and modify objects. Next, we will bring them to (virtual) life using a game engine. You will need a laptop with the latest version of Blender ([www.blender.org](http://www.blender.org)) and Unity 3D ([www.unity3d.com](http://www.unity3d.com)) to participate. Please download and install in advance.

**9 f WORKSHOP**

### Space in Relationships

Rachana Patni Pereira

"You need your own space." "Give him space." "Take some space for yourself." There are so many oft-used phrases about space in relationships that it seems silly to take it seriously, to put such advice into practice. Psychologist Dr. Rachana is interested in revisiting these and other such phrases, to reconsider how we approach the space of responding to our partner with responsibility rather than resorting to our reactionary impulses. In this 3-day workshop, participants will have the opportunity to work on their connection with themselves and with the meaningful relationships in their life. They will search for ways in which they could re-inhabit spaces of togetherness and realize what their deeper needs are in these spaces. As the designer and facilitator of this workshop, Rachana will be present to help the couples participating in the workshop find their own spaces of comfort.

**6 c WORKSHOP**

### Space through Time

Tanya Mehta

Throughout human history, space has always been the great unknown. Our ancestors viewed the sky as a place filled with mysteries, with gods and omens. Our understanding of space is fairly recent; it was only one hundred and twelve years ago that Einstein revealed his laws of relativity and only twenty-seven years ago that the Hubble telescope was launched, allowing us to look far past our galaxy. Space through Time examines our perception of space in the context of this brief history of human life and our position in the universe, in physical and philosophical terms. Bridging ancestral mythology and philosophy to modern scientific questioning, the project aims to explore our heavens, an ever-changing constant.

**5 d INSTALLATION**

### Spacings

Angela Chong

How can space be related to our emotions and memories? Who and what determines the functions and meanings of different spaces? Student participants have selected specific sites for the 'spacings' enclosures to be located. Facilitated workshops reveal observations made by students about their concerns regarding the public spaces around them. These have been discussed at different levels: environmental, social responsibility, ownership, boundaries, to name a few; and posted inside the enclosures for audiences to reflect and contemplate on. This project is meant to build an environment conducive to the growth of a curious, questioning community.

**19 b INSTALLATION**

### Speaker's Corner

Devanshi Shah

This pop-up pays homage to forgotten words or words that we have over-used. Is there a word you remember using frequently as a child but can't remember what it meant? Does it annoy you when people add 'very' before an adjective instead of using another word? Is there a phrase or a word in your mother tongue that you simply cannot translate into English? Come, share and reclaim your words with the rest of us.

**3 f LIVE EXPERIENCE**

### Teaching with Mime

Ran Peleg

What would your birthday celebration look like on the moon? In this interactive workshop, learners experience the laws of physics by embodying different degrees of gravitational forces. The workshop begins with a mime theater piece about space travel. Participants learn both mime and physics to decipher and better understand the natural laws that govern our world. In the workshop, the underlying pedagogical foundations will be highlighted together with some practical tips for class. The workshop is a collaboration between the Technion – Israel Institute of Technology and the Norwegian "SPACE-ME" project which aims to increase children's awareness of and engagement with space. It has been conducted with school children, teachers, university students and artists in Norway, Israel, Iceland and Hungary. Please note: A teaching background or interest in teaching is required.

**12 a WORKSHOP**

### The Acoustic History of Goan Heritage

Akash Sharma, Snehal Thomas (Sound Codes)

Overtime, all enduring historical spaces recorded in various media will witness losses of context and content. At the outer edges of this information loss is acoustic data. This installation based on conserving Goa's heritage through sound is produced through extraction of its acoustic data that has endured time. Presenting a live experience that recreates the acoustics of several Goan architectural and heritage landmarks, the installation requires you to move through historical spaces and engage with these distinct acoustic environments. Set in the spaces of Fundacao Oriente located in Fontainhas, a heritage belt in the city of Panjim, architectural history in the form of sound will be recreated for the public with a special audio-mapping process using binaural microphones to create an immersive, 3D sound experience.

**13 a INSTALLATION**

### The Coordinator (Augmented Reality)

René Fadinger, Elisabeth Winkler

The artist wants to point the three coordinates of 3-dimensional space, X/Y/Z, and expand the imagination of the recipient to multi-dimensionality. Each end of the form runs to a single point and leads to infinity; the mirroring surface shows fractals of the environment and converts the 2-dimensional single plates of the shape, into perceptible space "on the other side" of the surface. When circuiting the object, the coordinates are growing and shrinking as cause of perspective (size matters!) and gives the viewer a feeling of interacting with the form.

**13 c INSTALLATION**

## PROJECT DESCRIPTIONS

### The Evolution of Void

Manuel Scortichini, Giuseppe Bozzi, S Bhuvaneshwari

The Evolution of the Void is an interdisciplinary project, on the different theories about the concept of Void. From western heritage to eastern culture, from contemporary science to avant-garde art explorations, the meaning of emptiness has evolved in an incredible and varied way. For this exhibit, architect Manuel Scortichini, philosopher S Bhuvaneshwari and theoretical particle physicist Giuseppe Bozzi have come together to build a narrative which gives a more comprehensive framework about the philosophical aspects of the void to the audience. By combining illustrations and games to create new way of learning, they invite visitors to interact with the exhibit.

1 a **INSTALLATION**

### Unequal Scenes

Johnny Miller

Discrepancies in how people live are sometimes hard to see from the ground. However, looking straight down from a height of several hundred meters, shocking scenes of inequality emerge. Some communities have been expressly designed with separation in mind, and in some cases, these divides have grown more or less organically. Unequal Scenes is a photo installation and digital media repository, in which Miller has attempted to capture some of the most unequal scenes around the world, in as objective a manner as possible, with the help of a drone. By providing a new perspective on an old problem, he hopes to provoke a dialogue which can begin to address the issues of inequality and disenfranchisement in a constructive manner.

5 e **INSTALLATION**

### Who does the sea belong to?

Tia Kansara, Mudita Pasari

The installation uses glow in the dark paint to create an immersive underwater visual – almost like a cross section of the sea with multiple layers of information, running along the wall. Using jellyfish as a key species in the marine ecosystem, the project will help people think about the repercussions of human waste disposal habits on life. As people walk through the space they ponder on the question: who does the sea belong to? If we pollute the ocean to clean our private spaces, who cleans up the ocean?

1 c **INSTALLATION**

## PANEL DISCUSSION DESCRIPTIONS

### Art/Science

**MODERATOR:** Tia Kansara

**SPEAKERS:** Jan Swierkowski (Instytut B61), Nick Sayers & Megan Argo, Henry Throop & Miti Desai, Coralie D'Lima & Prafullata Rajput

How to make art/science collaborations work?

### Psychology of Waste

**MODERATOR:** Tia Kansara

**SPEAKERS:** Richard Dias, Mudita Pasari, Nadine Baldow

Replenish aims to discuss both a psychological and physical manifestation of waste. Is waste a concept of the past, with present repercussions? Which areas are waste friendly? What are the complications of having more waste? What are some solutions that we can share? Can we phase out waste? If so, what are the current methods of doing so? We often keep our private spaces clean but there is a divide between the public and private, which has physical and mental repercussions. We have multiple means to hide our waste, e.g. sending it to outer space; dumping waste into oceans that precipitate new waste continents; building cities/parks on waste buried underground (often untreated and hence harmful).

### Exploring the canvas of Unmanned Ariel Systems

**MODERATOR:** Sunil Nanodkar

**SPEAKERS:** Ankit Mehta, Dhananjay/Engineer Team Indus

This panel discusses unmanned aerial systems and their categories classified based on their altitude and applications. An unmanned aerial system (UAS) or unmanned aerial vehicles (UAVs) or drones are aircrafts which can operate without a human pilot. UAVs were originally used for missions too "dull, dirty or dangerous" for humans but their use has been rapidly expanding to military, commercial, scientific, recreational, agricultural, and other applications, such as policing, peacekeeping, surveillance, product deliveries, area mapping, aerial photography, agriculture, etc.

### Sustainable Goa

**MODERATOR:** Prakash Kamat

**SPEAKERS:** Swayandipta Pal Chaudhuri, Siddharth Kunkolienkar, Nirmal Kulkarni, Dean D'Cruz

What is sustainable development to Goa?

### Difficult Dialogues : Gendered Space

**MODERATOR:** Aarushi Singh

**SPEAKERS:** Niketa Malhotra, Veronica, Deepti Datt, Surina Narula, Rahul Gudipudi

How does Gender affect our everyday existence in spaces, both private and public?



## TALK DESCRIPTIONS

### Space in Indian Philosophy

S Bhuvaneshwari

Indian Philosophical understanding of space (?k??a) and its properties shall be explicated by introducing the idea of space as a substance (dravya) by the material-cosmological schools such as Ny?ya, Vai?e?ika and P?rva M?m??s? followed by the idea of elemental-space (bh?ta-?k??a) of consciousness-cosmological schools such as Advaita, Vi?i???dvaita and Dvaita Ved?nta including the concept of unmanifested-space (avy?k?ta-?k??a). The idea of no-elemental-space according to the pure materialist C?v?ka and whether the Buddhist concept of nothingness (?nyat?) represents space as absence of matter shall be discussed. The metaphysical-space shall be briefly discussed based on the esoteric statements of the Upani?ads revealed through the word "?k??a". The listeners shall be exposed to the basic philosophical ideas of Indian thinkers that are at once synthetic, divergent, parallel, opposite and convergent. The listeners shall be left to ponder upon the empirical understanding of space (?k??a), direction (dik), the idea of dream-space (svapna-avasth?) and the experience of no-space in sleep (su?upti-avasth?).

### YUKTI, TARQA, GALPA

Prafullata Rajput

An introduction to Indian Darshan Shastras (knowledge bases of Indian philosophy) and Tarkasangraha (a compendium explaining the logic & reasoning in ancient Indian texts) to Tantrayuktis (methods for understanding and reasoning) and their definition with examples from daily life. Prafullata will be exploring how these methods could be used today to broaden the extent of understanding the ancient texts and also find alternative ways of applying logic in research. The objective is to leave the audience with a new language of decoding old treatises which are otherwise considered diabolical and hidden. This same language can be used for reasoning & understanding of concepts today. The talk would provide an opportunity to explore the methods utilised by the ancient authors in researching and propounding their subjects. For the ancient civilisation to thrive they had used a combination of science, technology, philosophy & deduction, thus to be reclaimed & reused to create new spaces of reasoning & logic in our minds.

### NASA's New Horizons Mission to Pluto and Beyond

Dr. Henry Throop

After a nine-year journey through space, astronomers visited Pluto for the first time in July 2015, using a robotic NASA spacecraft called New Horizons. Despite being a tiny, icy body far from the sun's warmth, New Horizons found Pluto's surface to be astonishingly young and active, showing a diverse variety of geology never before seen in the solar system. Planetary Scientist Dr. Henry Throop will tell the story of this NASA spacecraft mission, from its development and construction, through launch in 2006, to its successful encounter with Pluto, and plans for onward encounters with bodies in the distant Kuiper Belt.

### Living with Pythons

Nirmal Kulkarni

'Living with Pythons' is a nationwide initiative started in 2017 by herpetologist and researcher Nirmal Kulkarni to create awareness and instil appreciation about India's three Python species: the Indian Rock Python (Python molurus), Burmese Python (Python bivittatus) and Reticulated python (Malayopython reticulatus). Together, these snakes represent some of the largest snake species of the world. This project aims to promote acceptance, awareness and understanding about these python species through conservation outreach and field-based herpetology techniques. It will also contribute to creating awareness on the issue of human-snake conflicts that are key to python survival in human dominated rural and urban landscapes. Beside which, the initiative proposes to address a need for a common protocol for Python rescue and release, as it will help minimize and address issues relating to reptile-human conflict and provide vital answers to this growing challenge, especially in urban India.

### Exploring the Deep: Ocean vs Space

Russell Arnot

In this interactive Skype session, Russell combines his two passions – oceans and outer space, as he explores why over 500 people have been to space but only three have been to the bottom of the ocean. What limits did we have to overcome to send people into these environments? What are conditions like at the bottom of the deepest ocean? What is it like to live in space? This presentation investigates these questions and more, as we discover that it's harder to go underwater than you might think.

### Dark Energy and the Great Unknown

Vaishnavi Desai

Almost every science book begins with a line 'Everything in the universe is made of matter, and, so, everything in the universe is made of atoms.' (?). Out of the total mass-energy budget in the universe, about 70% is dark energy, 25% is dark matter and 5% is normal matter that makes up stars, planets and everything we see. The talk will inspire wonderment among the audience at the biggest mysteries of space- Dark energy that is gravitationally self-repulsive and that is causing the expansion of the Universe to accelerate. The talk consists of intriguing discussions on the geometry and the ultimate fate of the universe, is there an edge to it or is infinite and eternal? Infinity in the real world: If space go on forever, then what does it expand into? What physical thing about dark energy is producing this outward push, is it anti-gravity? It seems like the forces involved are so weak, they would basically be undetectable on a local scale. Finally, perhaps the cosmological behavior of the universe at large distances is actually governed by the dynamics of the small extra dimensions. A remarkable connection between the very small and the very large, that will ultimately lead to the theory of everything.

### How our Brain Perceives Space

Siddharth Warriar

The perception of space in the human brain is the culmination of many processes that occur within microseconds of each other, each of them contributing in a unique manner, to the big picture. As a neurologist, it is fascinating to study how the brain analyses and interprets three-dimensional space; but what makes it even more interesting is that the same processes also play a role in our awareness of non-physical space. Whether one is listening to a song, or dancing to a rhythm, our brain 'sees' the music using the same pathways it uses to see a physical sculpture. When one is listening to poetry, the rhythm of the words are analyzed by the same parts of the brain that help you paint a canvas. Perhaps, in a fundamental way, all art can be seen as connected.

### Cosmic Perspectives in a Global Society

Alex Gagliano

Our current age of globalization has made it possible for international collaborations to thrive, and nowhere is this more evident than in astronomy. Astronomy also provides an opportunity for economic development around the world. Almost paradoxically, astronomy can be used to preserve regional culture as much as it can be used to promote global connectivity. As the oldest scientific discipline, nearly all societies are rooted in a rich history of astronomical heritage. Astronomical heritage within Gabon, United States, and China will be discussed as case studies. If we are to use astronomy to relate the past to the future, it is crucial that we make it accessible for every member of a society. We conclude by exploring efforts to bring the stars to the visually impaired, including a sonification-based astronomy exhibit called Sounds of the Spectrum that will be featured at the Story Of Space.

### Parasites, Symbionts, Commensal

Anand Gandhi

## TALK DESCRIPTIONS

### Public and Private Spaces

Dean D'Cruz

The talk will revolve around the need to recognise the graded relationship between public and private spaces, varying in scales from a house, to communities and large scale settlements. Without understanding these intricacies architecture and planning do not function well and in fact can create conflict. The solution does not lie in creating water tight compartments of public and private, but recognise the possibilities of proper flowing of one into the other and the potential of flexibility in time and space.

### Sourcing Sustainable Seafood from the Global Fish Market

Aaron Lobo

Seafood production has come at a huge environmental and social cost. Since the advent of fisheries industrialization, which in Asia took off in the 1950's has led to the ubiquitous and drastic depletion of fish stocks. Industrial fisheries besides being highly wasteful and damaging to the environment also led to the removal of large quantities of fish deemed 'unsuitable for human consumption' to be ground to fishmeal instead to feed farmed pigs, chickens and fish. To sustain this and our increasing appetites for fish, fleets that could once produce a healthy supply of seafood from coastal waters are now forced to venture further ashore in the global oceans to stay profitable, as our fish stocks continue to decline. The new ocean spaces that we have now begun to plunder include the relatively unexploited twilight zone (depths ranging between 200m to 1km) and moving back to land based forms of intensive aquaculture. Through his own experience both research and personal, while on his foraging forays around the globe he will share some rules for consuming seafood in the global market that he made for himself in the process.

### How to Think Anti Causal ?

Hojun Song

A talk which explores why anti-causal ways of thinking matters in the era of A.I. How do we practice these ways of thinking? And can we possibly make a living out of these uncertain attitudes?

### Islands in Flux

Pankaj Shekhsaria

Why are the Andaman and Nicobar Islands always in flux? What is the nature of this flux? What do we need to understand about this? Why is it important? An illustrated talk by Pankaj Sekhsaria will seek to answer these and related questions as he takes the viewer along on a visual journey into the geology, ecology and history of the spectacularly beautiful and fragile Andaman and Nicobar Islands

### Jenaplan Schools

Eefje Hubers

Teaching and learning in the 21st century. In her talk Eefje will explain the major pillars of the Jenaplan philosophy, which are build around relationships. The relationship of the child with oneself, the relationship of the child with others and the relationship of the child with the world. She will give practical examples of how to teach in a holistic student centered fashion. Eefjes teaching is value driven and she looks at the entirety of each child. The values in her teaching are: embrace diversity and it's power, positivism, discovering and sincerely connecting through play, giving the children space to bloom with a continues fine-tuning mechanism where the social emotional wellbeing of the children are key.

### Philosophies of Space

Sundar Sarukkai

Space is a complex idea: it is obvious but at the same time ephemeral. It seems to be present all around us but is perhaps nowhere really present. It seems necessary for creating an idea of object but objects themselves seem to be made dominantly of space 'inside' them. It has spawned some of the most essential concepts in human cognition but the ambiguity about its nature continue to make the reflection on space a fascinating journey. This talk will explore some of the philosophical themes around space as described in different disciplines, including natural and social science.

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