



Program BIOCALIBRATED: TOOLS AND TECHNIQUES OF BIODESIGN PRACTICES SYMPOSIUM

Hosted by MA Biodesign Jewellery Textiles and Materials Central Saint Martins UAL

GMT Timezone	Thursday, 30th Nov 2023	Friday, 1 Dec 2023
9:15	9:15am Coffee & Registration	
9:45	9:45 am Welcome Remarks by Anne Marr, Program Director Jewellery, Textiles and Materials CSM Room E002	9:30 am Coffee & Registration
10:00 AM	10:00 am Session 1 'ECOLOGICAL INPUT, FORMATIONS AND REPRESENTATION' Moderator: Nancy Diniz Room E002	10:00 am Session 5 'BIOLOGICAL SENSING AND ACTUATION' Moderator: Alejandro Luna Room C202
	<p>ChatGPT-based representation of the Tagus river through the river putative microbial profile by Cristiano Pedrosa-Roussado, Mariana Pestana and Nuno Nunes</p> <p>ProBioGenesis: An advanced organic-inorganic material for effective biological colonisation by Sharifunnisa Mynasabgari, Hana Cvelbar, Mounika Maddipatla, Brenda Parker, Marcos Cruz, Anete Krista Salmene, Lydia Johnson, Alexandra Lacatusu and Nina Jotanovic</p> <p>A transdisciplinary approach to developing regenerative internet powered by photosynthesis by Maria Lok-Yee Li, Lorraine Archer and Paolo Bombelli</p> <p>Bacteria-fungi Interaction for material formation by Lynn Hyun Kieffer</p>	<p>What is that with my Moss? Musings on the boundaries between humans and non-humans by John Sadar and Gyungju Chyon</p> <p>The materialised temporality of dust: developing a biodesign methodology to spatialise time and temporalise space by Carolina Ramirez-Figueroa, Antony Nevin and Campbell Orme</p> <p>Fermenting Knits by Carolina de Lara</p> <p>Of Other Reefs – Designing Habitats in Marine Environments by Rasa Weber</p>
	11:15am Break	11:15am Break
11:30 AM	11:30 am Session 2 'MICROBIAL FABRICATIONS' Moderator: Thora Arnardottir Room E002	11:30 am Session 6 'STRATEGIES FOR BIO BASED CRAFT' Moderator: Lucrezia Alessandrini Room C202
	<p>Multispecies Matter: A Transdisciplinary Investigation of Human-Plant-Microbe Cooperations with Bacterial Cellulose by Emma Sicher</p> <p>Bactoware: Bio Crafting Technique Using MICP Methods From Ureolytic Bacterium by Peiyu Wang</p> <p>The Snout: Large scale, Curved 3-D Form from Bacterial Cellulose by Dilan Ozkan, Natalia Pynirtzi, Armand Agraviador, Oliver Perry and Ruth Morrow</p> <p>The scale tool – facilitating communication and collaboration between architects, designers, material scientists, microbiologists, and synthetic biologists for living architecture by Layla Van Ellen</p>	<p>Breaking Boxes and Reshaping a New Biodesign Paradigm by Alejandro Luna and Lorraine Archer</p> <p>Living Prints: 3D Printing Biological Matter by Frank Melendez and Nancy Diniz</p> <p>Developing and Characterizing a Typology of Soil Fabrics by Penmai Chongtous, Lola Ben-Alon</p> <p>Traditional Textile Integrity and Avenues for Bio-Based Digital Weaving by Valery Kate Perez, Olga Beatrice Carcassi and Lola Ben-Alon</p>
12:45 PM	LUNCH Symposium Exhibition (Room B003)	LUNCH Symposium Exhibition (Room B003)
2:00 PM	2:00pm Session 3: 'BIOLOGICAL COLLECTIVISM' Moderator: Alice Taylor Room E002	2:00 pm Session 7 Papers 'REGENERATIVE SYSTEMS AND CIRCULAR MATERIALITY' Moderator Jonathan Flint Room C202
	<p>The social Contamination of Labmospheres by Julia Ihls</p> <p>Biodesign as a Practice. Linking Environmentally Regenerative Solutions with Science Communication by Paul Treichl</p> <p>Adapting a Biodesign Process to Identify a Priority Topic for Healthcare Innovation: a Case Study by Neil Arvin Bretana, Mercedes Marin and Camilla Waldstrøm</p> <p>Fragility in the Anthropocene: Tattooed Bacterial Cellulose as a Storytelling Method by Assia Crawford</p>	<p>SynBio-calibrated Carbon-Positive-Building-Infra-Design Research for Miami's Greater Islands by Thomas Spiegelhalter</p> <p>Advancing Sustainability: Scaling Up with Upcycled Paper & Cellulose Additive Manufacturing by Pragati Vasant</p> <p>Corteza by Gizem Demirkiran, Ricardo Luque and Marcos Cruz</p> <p>Flexible Earth-Fiber Structures in 3D Printing by Sherry Aine Te and Lola Ben-Alon</p>
	3:15pm Break	3:15pm Break
3:30 PM	3:30 pm Session 4: 'BIODESIGN AT THE INTERFACE' Moderator: Lorraine Archer Room E002	3:30 pm Session 8 'AND CULTURAL RESILIENCE IN DESIGN' Moderator: Frank Melendez Room C202
	<p>Design and Science, Leslie Atzmon</p> <p>From Biodesigners to Designers-In-Lab: Testing the Nuances of an Emerging Profession Through Autoethnography by Barbara Pollini</p> <p>Bio Design for footwear innovation: growing sneaker components with composite mycelium-based materials by Nicholas Rapagnani, Aart van Bezooijen, Luigimaria Borruso, Tanja Mimmo and Oussama Bouaicha</p> <p>Entangled Matter by Marcella del Signore, Cordula Roser Gray and Tatiana Teixeira</p>	<p>From Nature to Design: A Chronological Exploration of Biodesign by Carla Paoliello, Gabriel Patrocínio, Susana Leonor, Americo Mateus, Thora Arnardottir, Thora Óskarsdóttir and Bryndis Friðgeirsdóttir</p> <p>Biodesign as a Means of Preserving Indigenous Craft Practices by Debarati Das</p> <p>Disclosing and Recreating an Amazonian Ancestral Biofabrication Technique by Andrea Bandoni, Lauro Cohen and Marcela Cotta</p> <p>The Microbial Council: A Low-fi Workshop for an Introduction into Biodesign Practices by Alice Taylor, Jonathan Flint, Lucrezia Alessandrini and Nancy Diniz</p>
	4:45pm Break	4:45pm Break
5:00 PM	5:00 pm Keynote: Maurizio Moltanti Moderator: Nancy Diniz Room E002	5:00 pm Keynote: Alice Rawsthorn - Design Emergency Moderator: Anne Marr Room C202
6:00 PM	Symposium Exhibition Room B003 NETWORKING - Platform Bar CSM	Symposium Exhibition Room B003 NETWORKING - Platform Bar CSM