

STRATHWIDE 2021

5th Annual Strathclyde Researcher Conference

StrathWide2021

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Agenda

This event will take place online format (via Zoom), and will be split into two sessions on different days. Conference registration is free. Please register [here](#) before **7th May**.

In order to be eligible for funding, participants are required to attend the first day of the conference, and pre-record a 60sec pitch. *The deadline for pre-recorded pitches is 20th May.*

In advance of the conference we will be providing support to prepare your pitch. Details of this will be provided after you have registered to participate.

Session 1 (day 1): 27th May, 2021

09:45 – 10:00 online registration

10:00 Welcome to the conference – representative from the Organising Committee

10:10 **Opening Address**

Sir Jim McDonald, Principal and Vice-Chancellor of the University of Strathclyde

10:30 **Keynote talk 1:**

Dr Minoo Rathnasabapathy (Space Enabled Research Group, MIT Media Lab)

11:05 **60second pitches** – conference participants

11:20 – 11:30 coffee break

11:30 **Keynote talk 2:**

Prof Jonathan Delafield-Butt (Laboratory for Innovation in Autism, University of Strathclyde)

12:05 **60second pitches** – conference participants

12:30 – 13:30 lunch break

13:30 **Keynote talk 3:**

Dr Melanie Jiminez (James Watt School of Engineering, University of Glasgow)

14:05 **60second pitches** – conference participants

14:30 – 14:45 coffee break

14:45 **COP26 spotlight session:**

Tracy Morse (Centre for Sustainable Development, University of Strathclyde)

15:30 **60second pitches** – conference participants

15:45 – 16:00 Introduction to funding (teaser session)

Session 2 (day 2): 3rd June, 2021

10:00 – 10:45 Funding eligibility criteria including Q&A

10:45 – 11:00 Coffee break

11:00 – 12:00 Presentations from previously funded researchers

12:00 – 13:30 Lunch break

13:30 – 16:00 Networking

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Dr Minoo Rathnasabapathy

Research Engineer, Massachusetts Institute of Technology (MIT)

Dr. Minoo Rathnasabapathy is a Research Engineer within the Space Enabled Research Group at the MIT Media Lab. In this role, she helps coordinate projects in collaboration with international development organizations, national governments and entrepreneurial companies to apply space technology in support of the Sustainable Development Goals. She also leads efforts in establishing the Space Sustainability Rating (SSR) in collaboration with the World Economic Forum and the European Space Agency. Previously, Dr. Rathnasabapathy served as the Executive Director of the Space Generation Advisory Council (SGAC), a global non-governmental organization which acts in support of the United Nations Programme on Space Applications, based in Vienna, Austria. Dr. Rathnasabapathy was responsible for leading the operations, business development, strategy, and policy output for SGAC, a network that represents over 10,000 university students and young professionals in 110+ countries. Dr. Rathnasabapathy earned her Ph.D in Aerospace Engineering from RMIT University, researching the impact dynamics of novel materials used in aerospace structures. Dr. Rathnasabapathy serves as a Vice President of the Bureau of the International Astronautical Federation (IAF), and is an expert advisor to the World Economic Forum Global Future Council on Space.

Prof Jonathan Delafield-Butt

Professor of Child Neurodevelopment and Autism, University of Strathclyde

Jonathan Delafield-Butt is Professor of Child Neurodevelopment and Autism, and Director of the award-winning cross-disciplinary Laboratory for Innovation in Autism at the University of Strathclyde. His work examines the origins of conscious experience and the embodied and emotional foundations of psychological development, with attention to the subtle but significant motor disruption evident in

autism spectrum disorder. He took his Ph.D. in Developmental Neurobiology at the University of Edinburgh Medical School before extending to Developmental Psychology with application in intersubjectivity theory in postdoctoral work at the Universities of Edinburgh and Copenhagen. He held scholarships at Harvard University and the Institute for Advanced Studies at the University of Edinburgh for science-philosophy bridgework. Delafield-Butt trained pre-clinically in Psychoanalytic Psychotherapy at the Scottish Institute for Human Relations. He is a member of the World Association for Infant Mental Health, the International Society for Autism Research, and is the Gillberg Neuropsychiatry Centre at Gothenburg. His lab works between Education and Engineering to develop



bespoke wearable and smart device serious games to characterise the motor signature in autism spectrum disorder, to better understand its origins, and its social and psychological nature.



Dr Melanie Jimenez

Research Fellow, University of Glasgow

Dr Melanie Jimenez is a Royal Academy of Engineering Research Fellow working at the University of Glasgow on miniaturised systems, or “lab-on-chips”. Her profile is interdisciplinary, at the interface of engineering, physics and biology and her research could be summarised as “finding the needle in a haystack”, where micro- and nano-technologies are engineered to detect small particles of interest (e.g., pathogens, cancer cells, proteins). Melanie also has a passion for art and science communication. This passion has been invaluable in her career, especially as a post-doctoral research associate aiming to establish her independent career in a completely new field. In this talk, Melanie will explain the transition from doing art as a hobby to being an enabler of new research collaborations across disciplines and an identity-shaper.
