



LGBTQ+ STEMinar 2022

14 January 2022

Technology & Innovation Centre | University of Strathclyde
and online via Gather.town

PROGRAMME

THURSDAY 13 JANUARY

10:00 Gather.town opens

12:00 - 16:00 Poster hall and exhibit hall open

12:00 - 20:00 Voting open for best poster

FRIDAY 14 JANUARY

9:00 - 10:00 Check in desk opens; Gather.town opens

10:00 - 10:20 Welcome and introduction

10:20 - 11:00 Keynote 1 | Claire Malone, PhD candidate, University of Cambridge

11:00 - 12:05 Jazmin Scarlett | Volcanoes in popular videogames: (in)accuracies and pedagogy

(10 minute
presentation,
3 minute Q&A)

Shelly Kalaora | Identification of bacterial-derived HLA-bound peptides in melanoma

Marta Pieropan - Whole numbers on the sphere and beyond

Ted O'Hare | The Virtual Element Method for Engineers

Stephanie Campbell | Measuring the Invisible: Shining a Light on Dark Matter in Galaxies

12:05 - 13:15 Lunch and Networking; Poster viewing on Gather.town (12:30pm fire alarm testing)

13:15 - 14:20 Katrina Skerratt-Love | The effects of phosphorus pentoxide additions on the thermal, rheological, and structural properties of sodium borosilicate glass

(10 minute
presentation,
3 minute Q&A)

Dan Hdidouan | The impact of climate change on decision making in the renewable power system

Teodoro Laino | A Cloud-based AI-driven Autonomous Lab by

Ben Cala | Updating atmospheric dimethyl sulfide oxidation in Earth system models

Javier Martinez Perez | Identifying novel molecules for plant disease treatment in New Zealand kiwifruit orchards

14:20 - 15:25 Lenna Cumberbatch | Diversity and Inclusion Strategic Change - Is Integrity a better case for a systemic approach?

(10 minute
presentation,
3 minute Q&A)

Marion Cromb | Beyond the binary: uniting the two extremes of physics

Rebecca Colquhoun | Telling an earthquake's future: how soon can we tell an earthquake's magnitude?

Michael Armstrong | Object-Based Media: making interactive & personalised content at scale

Clara Lehenaff | Transbiome - Exploring the neo-vaginal microbiome

15:25 - 15:45 Break

15:45 - 16:00 Address on behalf of top tier sponsors

16:00 - 16:40 Keynote 2 | Manu Platt, Professor, Georgia Tech and Emory University

16:40 - 17:45 Veronica DeJesus | The Role of RNA m6A-methylation in Chikungunya Virus Lifecycle

(10 minute
presentation,
3 minute Q&A)

Emily Hunt | Ancestry, but in space: tracking down families of stars in our galaxy with machine learning

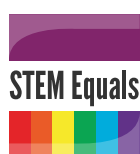
Justin Luong | Does maritime summer fog influence local adaptations: A case study with Eschscholzia californica

Johan Bonilla | Simply the BEST: Using Multi-Classifer Networks to Search for Vector-Like Quarks at the LHC

Luis F. Chazaro-Ruiz | Electrically enhanced adsorption of arsenic and fluoride in aqueous solutions using activated carbon electrodes

17:45 - 18:00 Closing

18:00 - 18:45 In-person and Virtual Social Activity



Our Sponsors

The LGBTQ+ STEMinar 2022 is made possible through the generous support of our sponsors:



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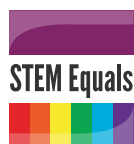
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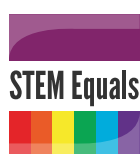


I-M3 Institute of Materials,
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Contact us

For information about the LGBTQ+ STEMinar 2022, please contact us at: stemequals@strath.ac.uk

For more information on LGBTQ+ STEM, contact Alex Bond and Izzy Jayasinghe at: stemlgbt@gmail.com



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