

LGBT STEMinar 2018 Programme

Venue: The National STEM Learning Centre, Siwards Way, University of York, York, YO10 5DD

09.00-09.30	Registration
09.30-09.40	Welcome and Introduction
09.40-10.20	Key Note: Beth Montague-Hellen (Bishop Grosseteste University) From there to here: Finding where you fit
10.20-10.40	Breaking the 'diffraction barrier' in microscopy, one molecule at a time Izzy Jayasinghe (University of Leeds)
10.40-11.00	Using self-assembled multivalency (SAMul) to develop nanoscale polyanion binders for medicinal applications Kiri Thornalley (University of York)
11.00-11.20	Coffee Break [Sponsored by The Institute of Physics]
11.20-11.40	Photoelectron spectroscopy of biological chromophores Jo Woodhouse (UCL)
11.40-12.00	Clocks in the sky: pulsar timing and fundamental physics Benjamin Shaw (Jodrell Bank Centre for Astrophysics)
12.00-12.40	Flash poster presentations
12.40-13.40	Lunch [Supported by the Royal Society of Chemistry]
13.40-14.00	Speciation in bats: trying to identify if we have one, two or three Kim Warren (Queen Mary University of London)
14.00-14.20	Measuring greenhouse gas emissions from wildfires Kari Hyll (King's College London)
14.20-14.40	Patent protection for Pregabalin – effect on drug price and cost to the NHS Darren Smyth (EIP Patent Attorneys)
14.40-15.00	On the origins of life: prebiotic genesis of carbohydrates Paul Clarke (University of York)
15.00-15.20	Coffee Break [Sponsored by The Royal Society]
15.20-15.50	Engagement Workshops (parallel sessions 1 and 2 to run concurrently): <ol style="list-style-type: none"> 1. Being yourself while communicating science Alfredo Carpineti (IFLScience) 2. Invisible minorities: exploring our experiences of STEM learning in school Jeremy Airey & Alistair Moore (University of York)
15.50-16.20	Engagement Workshops (parallel sessions 1 and 2 to run concurrently): <ol style="list-style-type: none"> 1. Using science and facts to challenge LGBT+ misconceptions Clara Barker (Oxford University) 2. A scientific professional body may not have arms and legs, but it can question its sexual orientation: how IPEM departed from the straight and narrow. Robert Farley (Institute of Physics and Engineering in Medicine)
16.20-17.00	Key Note: Tom Welton (Imperial College London) Trolling through a bona scientific career
17.00-18.00	Poster session and drinks reception [Sponsored by Chemistry@York]

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