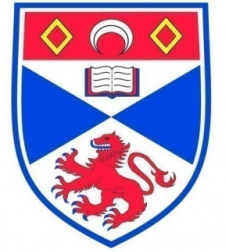


Inaugural Event for the St Andrews Centre for Exoplanet Science

www.st-andrews.ac.uk/exoplanets/



University
of
St Andrews

Programme, 23 January 2017

13:55 Arrival and Poster set-up: Theatre C, School of Physics & Astronomy, North Haugh

14:10 Welcome by *Dr Christiane Helling*

14:15 Opening address by Principal, *Prof. Sally Mapstone*

~ 14:25 (25+5mins) Exoplanet Science in Astrophysics by *Dr Peter Woitke*

14:55 (25+5mins) Exoplanet Science in Geosciences by *Dr Sami Mikhail*

15:25 (25+5mins) Exoplanet Science in Philosophy and Social Anthropology by *Prof. Katherine Hawley*

~ 16:00 Wine & Cheese + Poster viewing & Idea seeding
in front of Theater C and room 301

16:30 Buffet Dinner + Poster viewing & Idea seeding

Posters: in front of Theater C and room 301

StA-CES Logo selection: cast your vote

Buffet: room 301

~ 17:30/18:00 Guided tour through the University Observatory by *Dr Aleks Scholz & Prof. Andrew C. Cameron*
(20 mins walk or 5 mins taxi)

Posters for the Inaugural of the Centre for Exoplanet Science

1. **Alexander Scholz:** WETI: Wait for Extraterrestrial Intelligence
2. **Alexander Scholz:** The origins of brown dwarfs
3. **Indranil Banik:** Intelligent Life after Snowball Earth: Implications for Exoplanet Habitability
4. **Charles Cockell et al.:** UK Centre for Astrobiology - Science, Teaching and Outreach
5. **Nicole Schanche:** Hunting for Planets in a Random Forest
6. **Sarah Rugheimer:** The impact of UV on the spectral fingerprints of Earths orbiting other stars
7. **Christiane Helling:** Atmospheres of Extrasolar Planets: clouds, lightning and complex molecules
8. **Graham Lee:** Why does it always rain on me? Cloud particles on HD 189733b
9. **Claire Cousins:** Robotic exploration of planetary surfaces
10. **Claire Cousins:** Constraining the search for microbial biosignatures in the solar system
11. **Aubrey Zerkle:** Geobiology: The Coevolution of Life with Planetary Environments
12. **Gabriella Hodosán:** Lightning on exoplanets and brown dwarfs: modelling and detection of signatures
13. **Eric Lopez & Ken Rice:** The Transition Between Rocky Super-Earths and Gaseous Sub-Neptunes and Implications for η -Earth
14. **Ken Rice, Eric Lopez, Duncan Forgan & Beth Biller:** Disc fragmentation rarely forms planetary-mass objects
15. **Kirstin Hay:** Using the LCOGT 1-m telescope network to follow up exoplanet transit candidates
16. **Mark Claire:** Planetary atmospheres: observable catalysts for biogeochemical processes
17. **Sami Mikhail:** The origin and evolution of planetary atmospheres
18. **Sami Mikhail:** The St Andrews Centre for Exoplanet Science
19. **Martin Dominik:** Exploring planet demographics throughout the Milky Way by observing the gravitational bending of starlight
20. **Peter Woitke & Christiane Helling:** Chemical Disk Evolution and Abundances of Gas Giant Planets
21. **Paul Savage:** Isotopic constraints on planetary formation and differentiation
22. **Annelies Mortier:** HARPS-N Stellar Parameters and Chemical Analysis
23. **Paul B. Rimmer, Christiane Helling & Aleksandra Ardaseva:** STAND 2017: A Chemical Network for Exoplanet Atmospheres