Inaugural Event for the St Andrews Centre for Exoplanet Science

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 \( \eta \)-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