

International Workshop on Synthetic Approach to Origin of Life

SCOPE

The essential properties of life would not be understood merely by studying "life-as-we-know-it" (i.e. existing life forms), rather it requires constructing various forms of "life-as-it-could-be". In the context of origin of life, constructing various forms of artificial cell-like systems mimicking the primitive life will give us significant insights into what are the essential requirements for the origin of life. Towards this goal, a multi-disciplinary approach is inevitable because construction of cell mimicry is not only biological challenges, but also physical, chemical, and engineering challenges. This workshop will bring together and facilitate exchanges between origin of life researchers from various fields through the discussion about "Universal Understanding of Cellular Life" and "What fundamental principles explain the emergence of life?"

Date & Venue

Date: November 29-30, 2016

Venue: Hilton Glasgow Grosvenor Kibble Suite,
 Glasgow G12 0TA, Scotland

<https://goo.gl/maps/dPDkLL2ioin>



Funding

ELSI Origins Network (EON)

<http://eon.elsi.jp/>



Program

November 28th (Preparation Day)

19:00 – 21:00 Welcome Drink at a pub / Dinner

November 29th (Day 1)

10:00 – 10:10 **Opening Remark - Soichiro Tsuda**
10:10 – 10:50 **Sheref Mansy** (University of Trento)
10:50 – 11:30 **Yutetsu Kuruma** (Earth Life Science Institute)
11:30 – 11:50 Coffee Break
11:50 – 12:30 **Julien Reboud** (University of Glasgow)

12:30 – 14:00 Lunch

14:00 – 14:40 **Lee Cronin** (University of Glasgow)
14:40 – 15:20 **Aitor De Las Heras** (University of Edinburgh)
15:20 – 15:50 Coffee Break
15:50 – 16:30 **Jonathan Grizou** (University of Glasgow)
16:30 – 17:10 **Kimia Mohammadi** (University of Glasgow)
19:00 – Dinner

November 30th (Day 2)

10:00 – 10:40 **Pierre-Alain Monnard** (University of Southern Denmark)
10:40 – 11:20 **Soichiro Tsuda** (University of Glasgow)
11:20 – 12:00 **Fabio Mavelli** (University of Bari Aldo Moro)
12:00 – 12:10 **Closing - Yutetsu Kuruma**
12:10 – Lunch
 Tour at Glasgow University (Lab, museums, etc)