

Science of Early Life

June 24-27, 2018

Origins Institute, McMaster University, Hamilton, Ontario

This interdisciplinary conference will present leading research in the Origins of Life, covering experimental, observational, and theoretical aspects.

Topics

- Astrochemistry
- Prebiotic Chemistry
 - RNA World
- Life in the Laboratory
- Computational and Mathematical Modelling
 - Linking Geology to Chemistry

The conference will highlight the new Origins of Life Laboratory at McMaster, which has facilities for investigation of nucleic acid and membrane biochemistry and biophysics in controlled environments that simulate conditions on the early Earth and other planets. We wish to initiate research collaborations involving these new facilities. There will be a School for Graduate Students on Sunday, June 24 – The RNA World in Theory and Practice.

origins.mcmaster.ca/early-life

Deadline for submissions and registration: **May 1, 2018**

Contact: **Paul Higgs** [higgsp@mcmaster.ca]

Speakers

- | | |
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| Steven Benner
Foundation for Applied Molecular Evolution | Philippe Nghe
ESPCI, Paris |
| Irene Chen
University of California Santa Barbara | Maikel Rheinstadter
Origins Institute, McMaster University |
| Tamas Czarán
Eötvös University, Budapest | Lynn Rothschild
NASA Ames |
| David Deamer
University of California Santa Cruz | Dimitar Sasselov
Harvard-Smithsonian center for Astrophysics |
| Thomas Henning
Max Planck Institute for Astronomy, Heidelberg | Peter Tieleman
University of Calgary |
| Marie-Christine Maurel
Université Pierre et Marie Curie, Paris | Oliver Trapp
Dept. of Chemistry, Ludwig Maximilians Universität, Munich |

Organizing Committee

Paul Higgs, Ralph Pudritz, Maikel Rheinstadter, and Thomas Henning

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