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CELSIUS – LINNÆUS LECTURES 2022

CELSIUS LECTURERS

Wednesday February 9

09.00 – 11.30

Droughts and heatwaves in a changing climate: Why every year matters

Sonia I. Seneviratne,

Professor for Land-Climate Dynamics at ETH Zurich

The past is the key to the future – climate
change over geological time

*Thomas Stevens, Associate Professor of Physical
Geography, Uppsala University*

Water and climate – interplaying systems in
change

*Georgia Destouni, Professor of Hydrology, Stockholm
University*

Panel discussion

13.00 – 15.00

Understanding solar energy conversion using molecular electronic materials

Jenny Nelson

Professor of Physics, Imperial College, London

Does the perfect solar cell material exist?

*Jonathan Staaf Scragg, Assistant Professor,
Department of Materials Science and Engineering
Uppsala University*

Voltage losses of organic solar cells with low
energetic offsets

*Feng Gao, Professor at the Department of Physics,
Chemistry and Biology, Linköping University*

Panel discussion

15.15 – 17.15

[to be announced]

Christina Goldschmidt

Professor of Probability, Department of Statistics at the University of Oxford

[to be announced]

*Svante Janson, Professor in Analysis and Probability
theory, Uppsala University*

Towards a locally dependent version of the
Harris-Kesten theorem

*Dr. Victor Falgas-Ravry, Assistant Professor in
Mathematics, Umeå University*

Panel discussion



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CELSIUS – LINNAEUS LECTURES 2022

LINNAEUS LECTURERS

Thursday February 10

09.00 – 11.30

Exploring Host, Microbiome and Immuno-Metabolic Interactions in Health and Disease using Molecular Phenomics

Jeremy K. Nicholson

Director of the Australian National Phenome Center, Murdoch University

**Spatial metabolomics: combining the where?
with the what?**

*Ingela Lanekoff, Associate Professor in Analytical
Chemistry, Uppsala University*

**Electrochemical and Mass Spectrometry
Imaging Measurements of Subcellular Vesicles**

*Andrew Ewing, Professor of Chemistry and Molecular
Biology, University of Gothenburg*

Panel discussion

13.00 – 15.00

Archaic Genomics

Svante Pääbo

Director at the Max-Planck Institute for Evolutionary Anthropology in Leipzig, Germany

**The genetic history of Africa based on
modern and ancient DNA**

*Carina Schlebusch, Associate Professor in Human
Evolution, Uppsala University*

The genetics of the Nordic European Iron age

*Anders Götherström, Professor in Molecular
Archaeology, Stockholm University*

Panel discussion

[Visit the Celsius-Linnaeus webpage for more information about how to register to attend the lectures on site or watch them online](#)