



Dates: 17-18/06/2019

Location: Brussels

Address: Palais des Académies, rue Ducale 1, 1000 Bruxelles

AGENDA

Monday 17/06/2019

9:30 – 10:00 Welcome, coffee

10:00 – 10:15 Opening by the coordinator – Prof. Dr. Huub de Groot (Leiden University)

10:15 – 12:30 SUNRISE Consolidated vision

Chair: Dr. Nicola Armaroli, CNR

Speakers:

- Prof. Dr. Marc Fontecave | College de France, Paris
- Prof. Dr. Roel van de Krol | Helmholtz-Zentrum Berlin
- Prof. Marcella Bonchio | University of Padova
- Prof. Jens Nørskov | Technical University of Denmark

12:30 – 14:00 Lunch

14:00 – 15:30 SUNRISE Roadmap

Chair: Dr. Hervé Bercegol, CEA

Speakers:

- Damien Dallemagne | CO₂ Value Europe
- Dr. Niek van Hulst | The Institute of Photonic Sciences
- Prof. Dr. Sophia Haussener | L'École polytechnique fédérale de Lausanne
- Dr. Michel Gimenez | LafargeHolcim

15:30 – 16:00 Coffee break

16:00 – 18:00 SUNRISE Governance workshop

This session aims at addressing the governance of a large-scale research initiative, for example a future mission under Horizon Europe. It will start with an introduction followed by a panel discussion (with representatives of the European Commission, member states and associated countries, representatives of industry and flagship) and also involving the audience.

Chair: Dr. Frédéric Chandezon (CEA)

Speakers:

- Mr. Jean-François Buggenhout | DG Connect, European Commission
- Mr. Lars Klüver | Danish Board of Technology Foundation
- Dr. Paulina Styczeń | Department of Innovation and Development of the Poland's Ministry of Science and Higher Education
- Dr. Andreas Förster | DECHEMA
- Dr. Marcel Hoek | Dutch National Science Foundation (NWO)



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- Prof. Dr. Max Lemme | Scientific Secretary of the Strategic Advisory Council and former leader of the Graphene Flagship Partnering Division

18:00 – 20:00 Walking dinner, networking

Tuesday 18/06/2019

8:30 – 9:00 Welcome, coffee

9:00 – 9:30 Lecture of Prof. Dr. Jean-Pascal van Ypersele, Former IPCC Vice-Chair, Full professor of climatology and environmental sciences at UCLouvain, Belgium, and Member of the Belgian Royal Academy: "The urgency of the climate challenge: Why zero net emissions are needed?"

9:30 – 10:30 Views from the SUNRISE community: pitches from SUNRISE supporters – session moderated by Anita Schneider (EERA)

10:30 – 11:00 Coffee break

11:00 – 12:45 Innovation workshop – moderated by Dr. Tobias Gärtner (Fraunhofer)

- Introduction | Presentation by Dr. Antonino Ardilio | Fraunhofer IAO
- Sunrise Innovation Strategy | Discussion by Dr. Yvonne Wich | Fraunhofer IAO
- Sunrise Innovation Process Design | Workshop by Dr. Antonino Ardilio | Fraunhofer IAO

12:45 – 14:00 Lunch

14:00 – 14:30 Lecture Prof. Dr. Daniel Nocera, Harvard University, US

14:30 – 16:00 Parallel sessions on the three main SUNRISE research approaches:

- Electrochemical conversion with renewable power.
- Direct conversion via integrated artificial photosynthetic systems
- Direct conversion via biological and bio-hybrid systems

16:00 – 17:00 Coffee, networking