



DIFFER'S 60th Anniversary Symposium

Energizing the Future

Friday 13 December 2019, 13.30 – 19.30h

DIFFER, De Zaale 20, 5612 AJ Eindhoven

If you are interested in joining the event, please register before Friday 6 December at www.differ.nl/differ60

This symposium to celebrate the 60th anniversary of NWO Institute DIFFER is dedicated to the future of sustainable energy technology. From its very beginning, DIFFER has contributed to the development of nuclear fusion as a clean energy source. More recently its scope also encompasses research on the storage and conversion of sustainable energy via chemical bonds.

What are the grand research challenges faced in the fields of Fusion Energy and Solar Fuels?

Programme

14.00 – 16.30 h

Presentations by:



Prof. Tony Donn  - EUROfusion

"I believe that there is a good place for fusion in the energy mix of the future." EUROfusion programme manager Tony Donn  will share his ideas on the challenges for nuclear fusion, both within Europe and worldwide, and the crucial milestones that should be reached to make it a reality.



Dr. Jonathan Citrin - DIFFER

Heading the Integrated Modelling and Transport group, Jonathan Citrin's research is on turbulent transport modelling to predict and control fusion tokamak plasmas. He will detail how DIFFER research contributes to the fusion energy challenge.



Prof. Peter Styring - The University of Sheffield

In a sustainable society, (ambient) CO₂ has to be a source of carbon to manufacture fuels and chemicals. Chemical Engineering & Chemistry professor Peter Styring will envision the potential of and hurdles for carbon capture and utilization schemes.



Dr. Anja Bieberle - DIFFER

DIFFER's Solar Fuels research focusses on storing sustainable energy in chemical bonds, starting from photons or electrons. Electrochemical Materials and Interfaces group leader Anja Bieberle will explain how (photo) electrochemistry can contribute to our energy transition.

16.30 – 18.00 h

Explore DIFFER's research labs and facilities

17.30 – 19.30 h

Reception