



Program Yearly Symposium on Superconductivity & Cryogenics

Organized by:

- Chair Energy, Materials and Systems -
- Chair Industrial Applications of Superconductivity -
- with support of Foundation SuperACT

Friday November 22, 2019, University of Twente, Building 45 'U-Parkhotel' on the campus map, room C1&2

09:30 - Welcome with Coffee, Tea and Cakes

1. 10:00 - Magnet technology in Ecoswing's Wind Turbine Generator, *Anne Bergen / University of Twente (15+5m)*
2. 10:20 - Nijmegen 45 T Hybrid magnet system and outlook, *Andries den Ouden / HFML-Nijmegen (15+5m)*
3. 10:40 - Cryogenic challenges in the proposed Einstein Telescope, *Alessandro Bertolini / NIKHEF (15+5m)*

11:00 - Coffee & Tea break (30m)

4. 11:30 - Superconducting Coils in Linear Motors, *Jeroen ter Harmsel / University of Twente (15+5m)*
5. 11:50 - Superconductivity at ASML, *Gudrun de Gersem / ASML (15+5)*
6. 12:10 - Superconductivity for Affordable Proton Therapy, *Arno Godeke / Varian (15+5m)*

12:30 - Lunch (70m)

7. 13:40 - Recent developments in MRI magnet technology, *Johan Overweg / Philips Healthcare (15+5m)*
8. 14:00 - Next generation magnetic spectrometer in space, *Stefan Schael / RWTH Aachen (15+5m)*
9. 14:20 - Superconducting Magnet for Magnetic Density Separation, *Jaap Kosse / University of Twente (15+5m)*
10. 14:40 - Perspective of Artificial Pinning Centers in Nb₃Sn Based Superconductors, *Carl Buehler / Bruker (15+5m)*

15:00 - Coffee & Tea break (20m)

11. 15:20 - Epoch-Bekaert MgB₂ developments for large-scale applications, *Chris Dhulst / Bekaert (15+5)*
12. 15:40 - ReBCO-CORC wire, cable and coil technology, *Matthias Mentink / CERN (15+5m)*
13. 16:00 - Superconductivity at Research Chair ITS, *Herman ten Kate / University of Twente (13+2m)*
14. 16:15 - Developments at Foundation SuperACT, *Arend Nijhuis / University of Twente (13+2m)*

16:30 - Discussion while enjoying Drinks & Bites

17:30 - Closing and Departure