

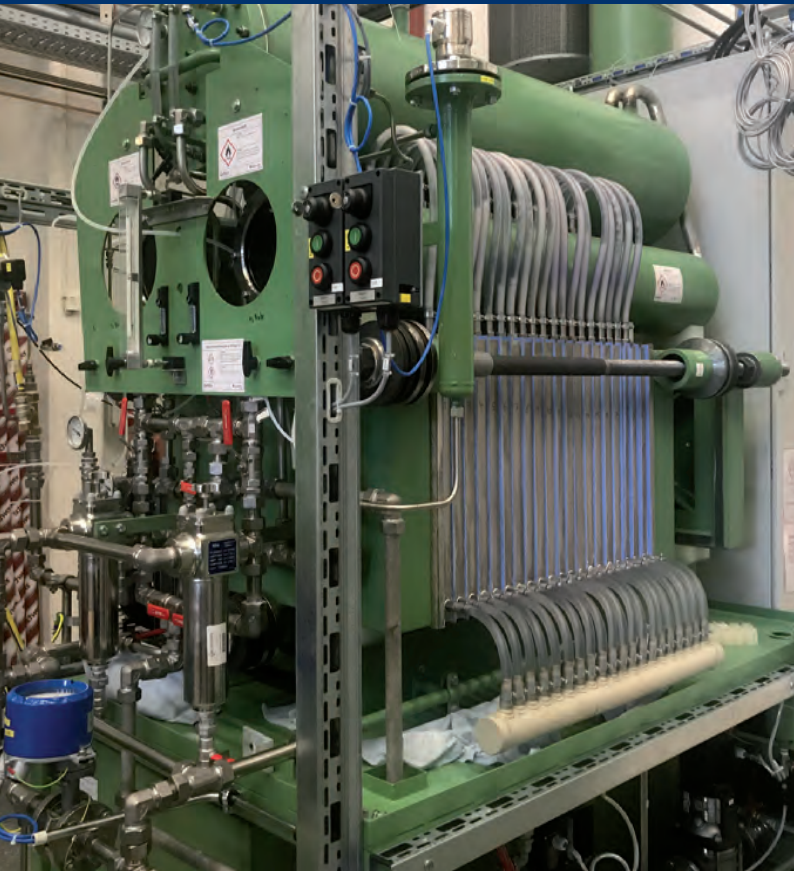


Fraunhofer
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FRAUNHOFER INSTITUTE FOR MANUFACTURING TECHNOLOGY
AND ADVANCED MATERIALS IFAM

ADVANCED ALKALINE ELECTROLYSIS

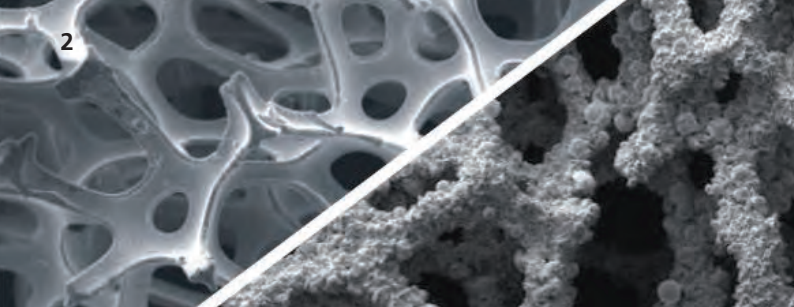
3RD INDUSTRY WORKSHOP
OCTOBER 1ST, 2020





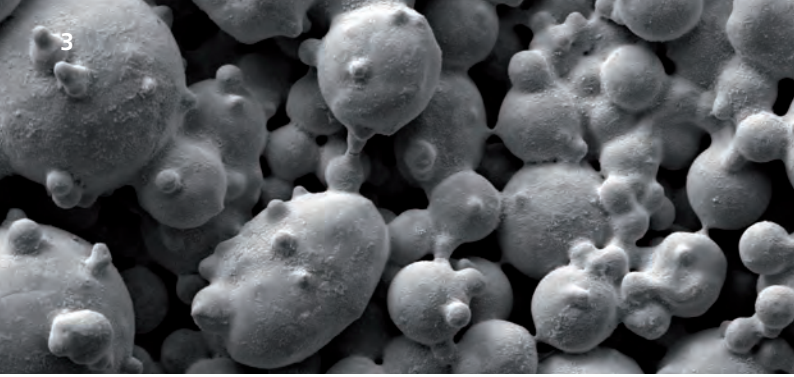
PROGRAM

- 09:15** Welcome coffee, registration
- 10:00** Welcome address and impulse
- 10:10** **New Perspectives for Electrolysis – Offshore Hydrogen Production**
Felix Knicker, Tractebel
- 10:30** **Modular alkaline electrolyzers**
Kasper Therkildsen, Green Hydrogen
- 10:50** **Water Electrolysis – De Nora perspective**
Emanuele Instuli, De Nora
- 11:10** Coffee break
- 11:40** Impulse **AEL & AEM**
- 11:45** **The renaissance of alkaline electrolysis**
An overview about new alkaline technologies and the corresponding potential
Prof. Jens Oluf Jensen, DTU Energy
- 12:05** **Active Anodes for Alkaline Water Electrolysis**
Dr. Stefan Loos, Fraunhofer IFAM
- 12:25** Lunch break



PROGRAM

- 13:25 Impulse **AEM Technology**
- 13:30 **AEM Electrolysis – How Enapter makes green hydrogen a commodity**
Philip Hainbach, ENAPTER
- 13:50 **AlkaMem™, from Fuel Cells to Electrolysers**
Sian Franklin, AFC Energy
- 14:10 **Novel anion-exchange membrane as enabler for high performance alkaline membrane water electrolysis**
Dr. Artjom Maljusch, Evonik
- 14:30 Coffee break**
- 15:00 Impulse **Advanced electrode substrates**
- 15:05 **Porous metallic structures made by paper technology**
Dr. Cornell Wüstner, PTS Papiertechnische Stiftung
- 15:25 **Metallic fibrous structures as electrode material in alkaline water electrolysis**
Nima Taghizadeh, BinNova



Front, 1 - Alkaline electrolyzer, 2 - Foam substrate and catalyst coated foam substrate, 3- Sinter electrode

15:45 Podium discussion with all the speakers of the day

16:15 Networking and lab tour (alkaline water electrolyser)

17:00 Opportunity for individual discussions

Contact:

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Exhibitor:  **Metrohm**