

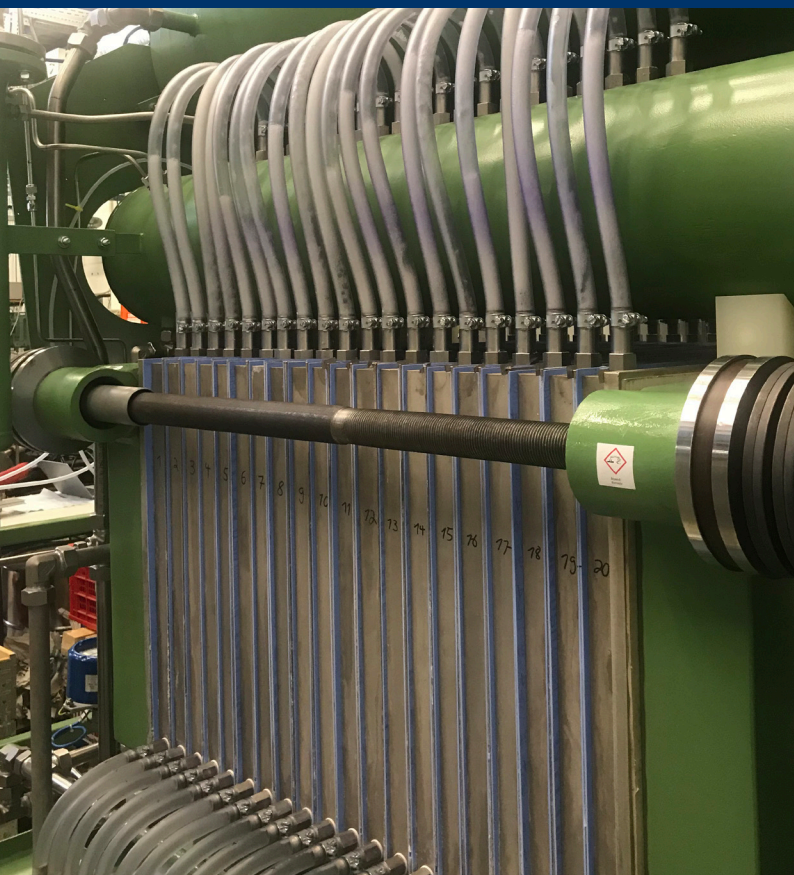


Fraunhofer
IFAM

FRAUNHOFER INSTITUTE FOR MANUFACTURING TECHNOLOGY
AND ADVANCED MATERIALS IFAM

ADVANCED ALKALINE ELECTROLYSIS

4TH INDUSTRY WORKSHOP
SEPTEMBER 30th, 2021





PROGRAM

09:15 **Welcome coffee, registration**

10:00 **Welcome address and impulse**

10:10 **Taking electrolysis to GW-scale**

Hans Jörg Fell, NEL

10:30 **E-TAC - efficient decoupled water splitting**

Hen Dotan, H2Pro

10:50 **Industrializing next-generation alkaline technology**

Hergen Thore Wolf, Sunfire

11:10 **Coffee break**

11:40 Impulse

11:45 **Membrane electrode assemblies for alkaline electrolysis: can PEM components be an inspiration**

Marcel Carmo, FZJ

12:05 **Electrode technology roadmap for AEL**

Christian Immanuel Bernäcker, Fraunhofer IFAM

12:25 **Lunch break**

13:25 Impulse

13:30 **Catalysts for alkaline and AEM Electrolysis**

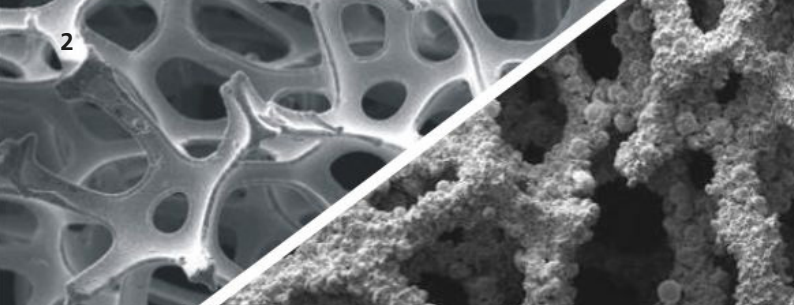
Nick van Dijk, TFP Hydrogen Products Ltd

13:50 **Nordex hydrogen strategy: connecting wind with electrolyzers**

Francisco Javier Ramirez, Nordex

14:10 **Optimization of industrial 3-D electrodes for AWE**

Abimbola Ashaju, Veco B.V.



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

14:30 Coffee break

15:00 Impulse **Applications for AEL**

15:05 **Long-duration alkaline AEM water electrolysis with Aemion+®**, Andrew Belletti, Ionomr

15:25 **Green hydrogen from the North Sea**
Felix Horch, Aqua Ventus

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

16:20 **Networking and lab tour (alkaline water electrolyser)**

17:00 **Networking event with catering**

Contact:
Fraunhofer Institute for
Manufacturing Technology
and Advanced Materials IFAM
Branch Lab Dresden

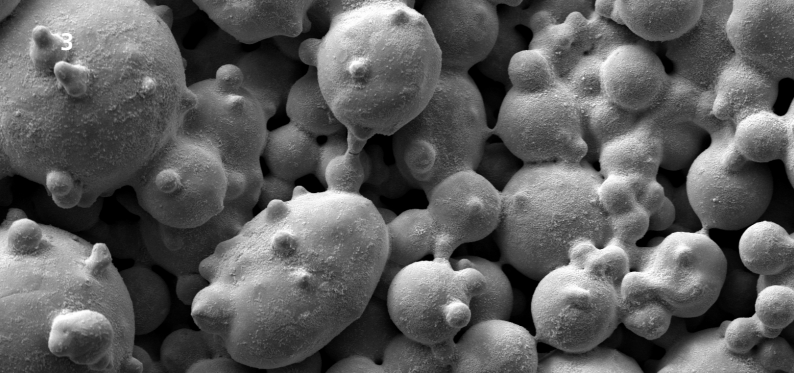
Winterbergstrasse 28
01277 Dresden | Germany
Dr. Christian Immanuel Bernäcker
Phone: +49 351 2537 416
E-mail: Christian.Bernaecker
@ifam-dd.fraunhofer.de

Presenters:



Exhibitor:





**Registration
for the 4th Industry Workshop
Advanced Alkaline Electrolysis**

**30th September 2021
at the Fraunhofer Institute Center Dresden
Winterbergstrasse 28, 01277 Dresden, Germany**

Name, First Name.....

Company / Department.....

Address.....

Phone.....

E-Mail.....

☐ I will participate in the evening networking event.

Please register for the workshop until **September 17th, 2020**.

The workshop is for free; travel expenses and networking event
are self-borne.

Please send your registration to:

Fax: +49 351 2537 399

E-mail: info@ifam-dd.fraunhofer.de

By post: Fraunhofer IFAM Dresden

Winterbergstrasse 28 | 01277 Dresden | Germany

With my registration I give my consent to photos being taken during the workshop
as well as for the electronic storage of my data (incl. the use of my address for
further invitations and information).