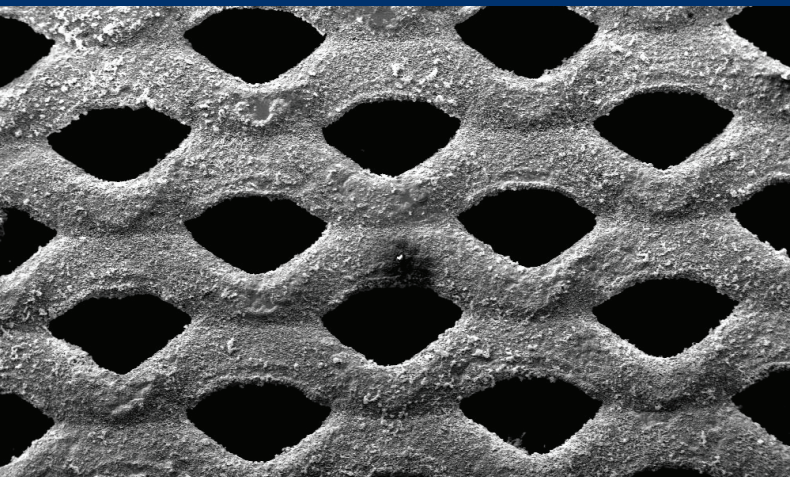


ADVANCED ALKALINE ELECTROLYSIS AND APPLICATIONS

2nd WORKSHOP OF ELYNTEGRATION
SEPTEMBER 19th, 2018



elyntegration



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Economic Affairs,
Education and Research EAER
State Secretariat for Education,
Research and Innovation SERI



FUNDACIÓN PARA EL
DESARROLLO DE LAS NUEVAS
TECNOLOGÍAS DEL HIDRÓGENO
EN ARAGÓN

ih

INDUSTRIE
HAUTE
TECHNOLOGIE



IAEW

Institute of
Power Systems
and Power
Economics

RWTH AACHEN
UNIVERSITY



Fraunhofer
IFAM



vito



Inycom

innovation technologies



PROGRAM

10:00 Welcome address - Fraunhofer IFAM

10:05 **NOW: „Electrolysis - key element for energy and fuel transition“** (Johannes Daum)

10:20 **Impulse „Introduction advanced AEL“**
(Lars Röntzsch)

10:25 **FHA: „ELYntegration - project overview**
(Vanessa Gil)

10:30 **HS Anhalt: „History of AEL“** (Henry Bergmann)

10:45 **Fraunhofer IFAM: „Electrode development within ELYntegration“** (Christian Immanuel Müller)

11:00 **Alantum: „Powder metallurgy for industrial electrode fabrication“** (Sebastian Eckstein)

11:15 Coffee break

11:45 **Dexmet: „Porous electrode substrate materials“**
(Matthias Hermes)

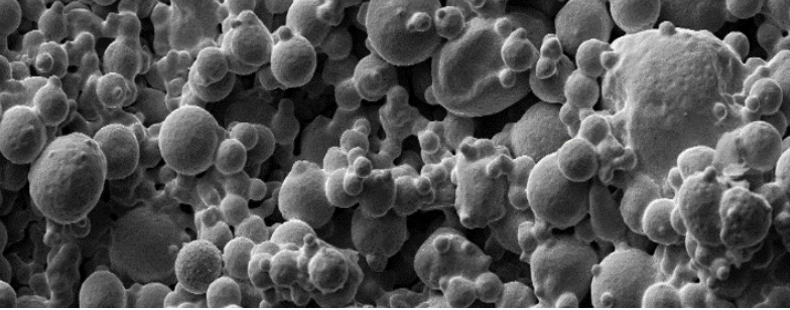
12:00 **UCT Prague: „Membranes for AEL“** (Karel Bouzek)

12:15 **FHA: „Accelerated stress tests for AEL“**
(Vanessa Gil)

12:30 **„Alkaline electrolyzer technology“** (requested)

12:45 **WFS GmbH: „Business location Saxony“** (Alexandra Gering)

12:55 Lunch break



1 - Electrolyzer at FHA, 2 - Sintered electrode,
3 - Porous electrode

- 13:45 **Impulse „Business models and applications for AEL“** (Lars Röntzsch)
- 13:50 **Greenpeace Energy: „proWindgas: a crucial element for the cross-sectoral energy turnaround“**
(Erich Pick)
- 14:05 **RWTH Aachen: „Grid service operation“**
(Patrick Lascheid)
- 14:20 **DBI-GTI: „Green hydrogen for CO₂ conversion to valuable chemicals“** (Jörg Nitzsche)
- 14:35 Coffee break**
- 15:05 **ABO WIND: „Wind hydrogen as a bridge for sector integration“** (Thomas Nietsch)
- 15:20 **Hitachi Zosen Inova ETOGAS: „Power-to-gas“**
(requested)
- 15:35 **INYCOM: „Water electrolysis to provide grid services“** (Matute Guillermo)
- 15:50 **Podium discussion with all speakers of the day**
- 16:35 End of the workshop and get-together**



**Registration
for the 2nd Workshop of Elyntegration**

**19th September 2018
at the Fraunhofer Institute Center Dresden
Winterbergstraße 28, 01277 Dresden**

Name, First Name.....

Company / Department.....

Address.....

Phone.....

E-Mail.....

Please register for the workshop until **September 7th, 2018**.
The workshop is for free, only travel expenses are self-borne.

Please send your registration at:

fax: +49 (0)351 2537 399

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

by post: Fraunhofer IFAM Dresden

Winterbergstraße 28 | 01277 Dresden | Germany

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

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