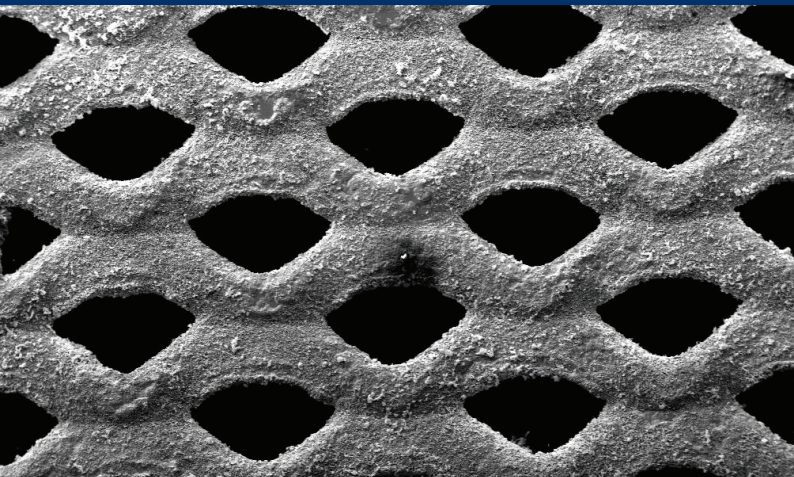


# ADVANCED ALKALINE ELECTROLYSIS AND APPLICATIONS

2<sup>nd</sup> WORKSHOP OF ELYNTEGRATION  
SEPTEMBER 19<sup>th</sup>, 2018



elyntegration



Schweizerische Eidgenossenschaft  
Confédération suisse  
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Swiss Confederation

Federal Department of Economic Affairs,  
Education and Research EAER  
State Secretariat for Education,  
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## 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)

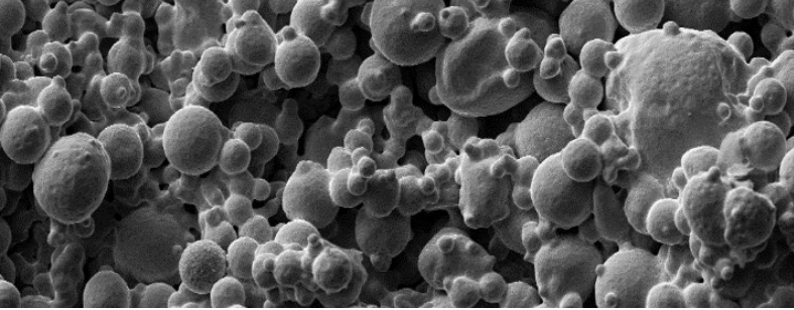
12:00 **UCT Prague: „Membranes for AEL“** (Karel Bouzek)

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: „Economic potential of ancillary service provision by water electrolyzers“** (Patrick Larscheid)
- 14:20 **DBI-GTI: „Green hydrogen for CO<sub>2</sub> 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“** (Adrian Schneider)
- 15:35 **INCOM: „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 2<sup>nd</sup> Workshop of Elyntegration**

**19<sup>th</sup> 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 7<sup>th</sup>, 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](mailto:info@ifam-dd.fraunhofer.de)

by post: Fraunhofer IFAM Dresden

Winterbergstraße 28 | 01277 Dresden | Germany

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