PROGRAM

09:15  Welcome coffee, Registration

10:00  Welcome address

10:10  Role of electrolysis in a hydrogen energy cycle, EU strategic view on electrolyser industry  
       Nikolaos Lymperopoulos, FCH JU

10:25  Impulse Advanced alkaline electrolysis

10:30  Alkaline electrolysis development in China  
       Zhu Yanbin, PERIC

10:45  Comparing alkaline and chlor-alkali electrolysis  
       Thijs de Groot, Nouryon

11:00  Large scale alkaline electrolysis  
       Lukas Lüke, thyssenkrupp

11:15  Present and future markets for AWE  
       Fabian Fremdling, AIRBUS

11:30  Coffee break

12:00  Impulse AEL3D project

12:05  Next generation of electrodes for the alkaline water electrolysis  
       Christian Bernäcker, Fraunhofer IFAM

12:20  Alkaline electrolysis at elevated pressure and temperatures above 100 °C - advantages and challenges  
       Ulrich Fischer, BTU Cottbus

12:35  Comparison of 2-phase flow CFD-/ and experimental data within porous electrodes in alkaline water electrolysis  
       Michael Liebert, ZSW Ulm

12:50  Lunch break
13:50 Impulse Supply industry for alkaline electrolysis
13:55 Introduction and future perspective to diaphragm technology for classical and advanced alkaline water electrolysis Wim Doyen, MMM Innovations BVBA
14:10 ZIRFON: High performance membrane for the advancement of hydrogen applications Nick Valckx, Agfa Gevart
14:25 Metallic fiber structures as electrode material for alkaline water electrolysis Martin Buchmann, BinNova
14:40 Using high-volume production components for AEL systems Ingmar Hartung, IAV GmbH

14:55 Coffee break

15:25 Impulse Applications for alkaline electrolysis
15:30 Sector coupling – considering the system Jan Felinks, Amprion
15:45 Power-to-X Technologies Andreas Heinrich, MAN Energy Solutions SE
16:00 Podium discussion with all speakers of the day
16:45 Closing and farewell

16:50 Networking coffee and lab tour (alkaline water electrolyser and electrode production)

20:00 Networking event in the historic city of Dresden

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).