



4th International Workshop on Degradation Issues of Fuel Cells and Electrolysers

Zoom Webinar, Wed 5th May 2021

Final Programme

Plenary session: 09:30 – 9:45 (CET) Welcome			
9:45 - 10:15 Oliver Posdziech (Oliver.Posdziech@sunfire.de): “The Industry View”			
Break 10:15 – 10:20			
SOCs: Keynote speakers		PEMs: Keynote speakers	
SOFC / SOE		PEM Fuel Cells / PEM electrolysis	
10:20 – 10:45, incl. Q&A	Norbert Menzler (n.h.menzler@fz-juelich.de)	10:20 – 10:45, incl. Q&A	Deborah Jones (deborah.jones@umontpellier.fr)
10:45 – 11:10, incl. Q&A	Mogens Mogensen (momo@dtu.dk)	10:45 – 11:10, incl. Q&A	Marcelo Carmo (m.carmo@fz-juelich.de)
Break 11:10 – 11:15			
11:15 – 12:30	6x short presentations @ 10 minutes + Q&A	11:15 – 12:30	6x short presentations @ 10 minutes + Q&A
11:15 – 11:30 <ul style="list-style-type: none"> Dr Vaibhav Vibhu FZ Juelich (v.vibhu@fz-juelich.de) Title: <i>“Performance and degradation of new electrode materials during steam electrolysis”</i> 		11:15 – 11:30 <ul style="list-style-type: none"> Dr. Antonino S. Aricò CNR, the Institute of Advanced Energy Technologies (ITAE) (arico@itae.cnr.it) Title: <i>“Advanced materials for electrolysis technologies”</i> 	
11:30 – 11:45 <ul style="list-style-type: none"> Abigail Snowdon UoB (AXS1420@student.bham.ac.uk) Title: <i>“Carbon deposition in co-electrolysis”</i>. 		11:30 – 11:45 <ul style="list-style-type: none"> Dr. Meital Shviro Juelich, IEK14 (m.shviro@fz-juelich.de) Title: <i>“Degradation study of electrocatalysts using advanced electron microscopy tools”</i> 	



<p>11:45 – 12:00</p> <ul style="list-style-type: none">• Dr. Xiufu Sun DTU Energy (xisu@dtu.dk) <p>Title: <i>“Operation strategies for mitigating SOEC degradation”</i></p> <p>12:00 – 12:15</p> <ul style="list-style-type: none">• Hamza Moussaoui EPFL (hamza.moussaoui@epfl.ch) <p>Title: <i>“3-D modelling of nickel morphological degradation in solid oxide cells”</i>.</p> <p>12:15 – 12:30</p> <ul style="list-style-type: none">• Dr. Christian Lenser FZ Juelich (c.lenser@fz-juelich.de), <p>Title: <i>“SOFC degradation phenomena in bio-syngas”</i></p> <p>12:30 – 12:45</p> <ul style="list-style-type: none">• Dr Vanja Subotic TU Graz (vanja.subotic@tugraz.at) <p>Title: <i>“Carbon deposition diagnosis in SOFC”</i></p>	<p>11:45 – 12:00</p> <ul style="list-style-type: none">• Mr. Panagiotis Giotakos FORTH/ICE-HT (pgiotakos@iceht.forth.gr) <p>Title: <i>“EIS analysis of ORR mechanism and energetics for HTPEMFCs”</i></p> <p>12:00 – 12:15</p> <ul style="list-style-type: none">• Prof Dimitrios Tsiplakides AUTH, CPERI/CERTH (dtsiplak@certh.gr) <p>Title: <i>“Degradation in proton exchange membrane (PEM) water electrolyzers”</i></p> <p>12:15: 12:30</p> <ul style="list-style-type: none">• Martin Prokop, Tomas Bystron and Karel Bouzek VSCHT (Karel.Bouzek@vscht.cz) <p>Title: <i>“Degradation aspects of Pt catalyst in HT PEM FC”</i></p> <p>12:30 – 12:45</p> <ul style="list-style-type: none">• Sara Cavaliere Univ. Montpellier (sara.cavaliere@umontpellier.fr) <p>Title: <i>“Degradation issues with antimony doped tin oxide supports in proton exchange membrane fuel cell and water electrolyzers”</i></p>
12: 45 – 13:00 wrap-up & end of webinar	



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You are invited to register via this web site, upon which you will receive the link to the Zoom event.

Webpage: <https://www.birmingham.ac.uk/research/activity/chemical-engineering/energy-chemical/fuel-cells/news-events/4th-degradation-workshop.aspx>

Join Zoom Meeting

<https://us02web.zoom.us/j/85649135472?pwd=a3hwb3JEN25EeVg5NHJwa2p5UFpCdz09>

Meeting ID: 856 4913 5472

Passcode: 934890

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