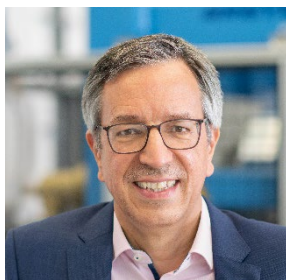


CELEST Member Short Profile



Markus Hölzle



Since October 2020, Professor Dr. Markus Hölzle is Head of the ZSW's operations in Ulm. He also holds a position as Professorship for Energy Storage and Energy Conversion in the faculty of Natural Sciences at University of Ulm. His motivation is the translation of scientific findings and technologies into products and applications. His long career and experience in the chemical industry (BASF) with delegations to Houston, TX and Tokyo (Japan) is helping him to reach these goals together with the 200 scientists at ZSW in Ulm. One of the key development projects at ZSW is the "Research Factory for Hydrogen and Fuel Cells (HyFaB)". HyFaB will explore the manufacturing and commissioning process for PEM fuel-cells and will also become a door-opener for large and small companies into that field. Markus Hoelzle is heading the advisory board for the Green Hydrogen Roadmap Baden-Württemberg and is a member of the Board at KLiB, the German competency network for batteries.

Zentrum für Sonnenenergie- und Wasserstoff-Forschung Baden-Württemberg (ZSW)

Lise-Meitner-Straße 24
 89081 Ulm, Germany

Contact details

Prof. Dr. Markus Hölzle
 +49 761 9530-607
markus.hoelzle@zsw-bw.de

Research areas

Main scientific focus is on Lithium-ion batteries, fuel cells and hydrogen. The topics include advanced materials, components, manufacturing processes, system assembly, qualification and testing. In addition to small test-cells, prototypes or even small series of batteries and fuel cells are manufactured.

Lab equipment (ZSW)

ZSW operates Europe's largest research platform for the industrial production of large lithium-ion cells (eLaB). ZSW operates one of the three best independent laboratory for hydrogen quality at filling stations worldwide (HyLaB) and runs one of Europe's largest test fields for fuel cells up to 200 kilowatt power (HyLife).

Markus Hölzle @ ZSW	Link ZSW	Link lab equipment
https://www.zsw-bw.de/en/about-us/organisational-structure/prof-dr-markus-hoelzle.html	www.zsw-bw.de	

Partners

