

CELEST Member Short Profile



Caroline Willich



Dr. Caroline Willich is currently team leader at the Institute for Energy Conversion and Storage at Ulm University. After studying mechanical engineering at TU Munich and ETSII in Madrid, she joined the German Aerospace Center (DLR), where she worked on local inhomogeneities in solid oxide fuel cells (SOFC) during her PhD and on pressurized SOFC and a fuel cell - gas turbine - hybrid power plant as team lead afterwards. During a postdoc at Cambridge University, she worked on pumped thermal energy storage.

At Ulm, her main research focus is on fuel cell systems and their integration, as well as hybrid systems, for aviation and other mobile applications.

Institute for Energy Conversion and Storage (EWS)

Albert-Einstein-Allee 47
89081 Ulm

Contact details

Dr. Caroline Willich
+49 731 50-25547
caroline.willich@uni-ulm.de

Research areas

Her research interests are fuel cell systems and their applications as well as alternative energy storage technologies

Lab equipment (at Ulm University)

Low pressure climate chamber for characterization of fuel cells and powertrains up to 250 kW
High resolution voltage and current measurements
Equipment for electrical, electrochemical and thermal characterisation

Caroline Willich @ institute

<https://www.uni-ulm.de/in/institut-fuer-energiewandlung-und-speicherung-ews/institut/personen/dr-ing-caroline-willich/>

Link institute

<https://www.uni-ulm.de/in/institut-fuer-energiewandlung-und-speicherung-ews/>

Link lab equipment

<https://www.uni-ulm.de/in/institut-fuer-energiewandlung-und-speicherung-ews/forschung/testanlagen/>

Partners

