



### **Sophia Haussener**

Sophia Haussener is an Assistant Professor heading the Laboratory of Renewable Energy Science and Engineering at the Ecole Polytechnique Fédérale de Lausanne (EPFL). Her current research is focused on providing design guidelines for thermal, thermochemical, and photoelectrochemical energy conversion reactors through multi-physics modeling. Her research interests include: thermal sciences, fluid dynamics, charge transfer, electro-magnetism, and thermo/electro/photochemistry in complex multi-phase media on multiple scales. She received her MSc (2007) and PhD (2010) in Mechanical Engineering from ETH Zurich. She was a postdoctoral researcher at the Joint Center of Artificial Photosynthesis (JCAP) and the Lawrence Berkeley National Laboratory (LBNL) between 2011 and 2012. She has published over 30 articles in peer-reviewed journals and conference proceedings, and 2 books. She has been awarded the ETH medal (2011), the Dimitris N. Chorafas Foundation award (2011), and the ABB Forschungspreis (2012). She serves as an Associate Editor for the Journal of Renewable and Sustainable Energy.