

**Eric Detsi, Ph.D.**

Associate Professor, Materials Science and Engineering  
University of Pennsylvania



**Bio:** Dr. Eric Detsi is Associate Professor in Materials Science and Engineering at the University of Pennsylvania and Undergraduate Chair. He received his B.Sc. (2006), M.Sc. (2008), and Ph.D. (2012) degrees in Applied Physics at the University of Groningen in the Netherlands. Before joining Penn, he conducted research at the Department of Chemistry at UCLA (2013-2016) as a Dutch Science Foundation Rubicon Postdoctoral. His current research involves using liquid metals and non-precious nanoporous materials such as nanoporous zinc, magnesium, aluminum, silicon, antimony, and tin for electrochemical energy conversion and storage. Dr Detsi has published over 57 peer-reviewed papers, and he hold 5 patents/invention disclosures. He is lead PI on a multi-institutional *NSF Future Manufacturing Research Grant*. He is a recipient of a *CAREER* Award from NSF, and the *S. Reid Warren Jr. Award* from Penn for stimulating and guiding the intellectual and professional development of Penn undergraduate students. He is also a *Journal of Materials Chemistry A* Emerging Investigator.