



4<sup>th</sup> International Symposium on  
**E**nergy **C**hallenges & **M**echanics  
- working on small scales

11-13 August 2015  
Aberdeen, Scotland, UK

## Chair of Session 02

### PHOTOVOLTAICS



Mathew D. Halls is Senior Director of Materials Science at Schrödinger Inc. and Adjunct Professor in the Department of Materials Science & Engineering at the University of Texas at Dallas. He was awarded a PhD in Quantum Chemistry from Wayne State University in 2001. Prior to joining Schrödinger in 2012, he worked as senior scientist at the companies, Materials Design, Accelrys and Zyvex; extending the application of atomic-scale simulation to the analysis, optimization and discovery of materials solutions. His research contributions have made significant impact in areas such as computational spectroscopy, organic optoelectronic materials, nanocarbon-polymer interfaces, thin-film precursors and deposition processes, and battery electrolyte additives.

