



Friday October 7, 2016
UH Honors College Commons

Professor David Sholl
**Michael E. Tennenbaum Family Chair and GRA Eminent
Scholar in Energy Sustainability in the School of Chemical
& Biomolecular Engineering**
Georgia Institute of Technology

2pm: Meet the Speaker
**3pm: “Developing Technologies for Large-scale
Energy Applications: A Long and Winding Path”**

Modern society depends critically on reliable and economic supply of energy. Using examples from the fuels and chemical process industries, Dr. Sholl will illustrate this challenge and suggest some paths towards the future. Dr. Sholl is Chairman of the Sholl Group at Georgia Tech. The group’s research focuses on using atomically-detailed modeling methods to develop fundamental information that can accelerate the development of new material in real-world engineering applications. Much of this work is directed towards environmentally and economically sustainable paths for generating and storing energy. Dr. Sholl has published in the areas of computational materials modeling, porous materials for carbon capture applications, membranes for gas separations, and heterogeneous catalysis.