

Debye Lectures

2017

Eric Jacobsen, Harvard University

- *Anion-Binding Catalysis*
- *Catalytic Fluorination Reactions*

2016

Guy Bertrand, University of California, San Diego

- *Stable carbenes and related species as powerful tools in organic, inorganic and organometallic chemistry - Part I*
- *Stable carbenes and related species as powerful tools in organic, inorganic and organometallic chemistry - Part II*

2015

Gregory A. Petsko, Weill Cornell Medical College

2014

Martin Gruebele, University of Illinois, Urbana-Champaign

2013

Neil Kelleher, Northwestern University

2011

Scott E. Denmark, University of Illinois, Urbana-Champaign

2010

James M. Mayer, University of Washington

- *Proton-Coupled Electron Transfer I.: Hydrogen Atom Transfer to Marcus Theory*
- *Proton-Coupled Electron Transfer II.: Six Degrees of Separation*

2009

David Tannor, Weizmann Institute of Science

- *Design of Femtosecond Pulse Sequences to Control Photochemical Reactions*
- *How did Pauli Miss it: A Fascinating New Formulation of Quantum Mechanics based on Complex Trajectories*

2008

A. Paul Alivisatos, University of California, Berkeley and Lawrence Berkeley National Laboratory

- *Nanocrystal molecules with applications in single molecule biological imaging*
- *Nanocrystals as model systems for understanding structural and chemical transformations in the solid state*

2007

Jacqueline Barton, California Institute of Technology

- *DNA Charge Transport Chemistry & Biology*
- *Targeting DNA Mismatches with Metal Complexes*

2006

Robert Cava, Princeton University

2005

Robert Bergman, University of California, Berkeley

2004

Stan Williams, Hewlett-Packard Laboratories

2002

Stephen Buchwald, MIT

2001

Christian Amatore, Ecole Normale Supérieure, Paris

1997-98

Maurice Brookhard, U. North Carolina, Chapel Hill

1996-97

Richard A. Lerner, The Scripps Research Institute

1995-96

Theodore H. Geballe, Stanford University