ACS Division of Physical Chemistry

AWARD SYMPOSIUM

Prof. Francesco Paesani

Organizer and Presider

Walter E. Washington Convention Center
Room 153

Tuesday, 19 August 2025
8am – 12pm & 2pm – 6pm

8:00 AM. *Marsha I. Lester Award for Exemplary Impact in Physical Chemistry*
Physical chemistry and impacts of environmental interfaces: A focus on atmospheric aerosols.
Vicki H. Grassian, UC San Diego

8:30 AM. *Richard P. Van Duyne Early Career Award in Experimental Physical Chemistry*
Overcoming the diffraction limit for multi-dimensional spectroscopy through action detection.
Xiaoji Xu, Lehigh University

9:00 AM. *ACS Experimental Physical Chemistry Award*
Chiral-induced spin selectivity and some of its implications in redox chemistry.
David H. Waldeck, University of Pittsburgh

9:30 AM. Intermission.

9:50 AM. *Early Career Award in Theoretical Chemistry*
Will statistical mechanics theory and simulations stay relevant in the age of Generative AI?
Pratyush Tiwary, University of Maryland

10:20 AM. *Jack Simons Award in Theoretical Chemistry*
Exploring the mysteries of biomolecular systems with multi-scale models.
Qiang Cui, Boston University

10:50 AM. *National ACS Theory Award*
Thirty years of adventure in the theory and simulation of multiscale phenomena.
Gregory A. Voth, University of Chicago

2:00 PM. *Journal of Physical Chemistry C – PHYS Lectureship Award*
Accelerating the computational design of functional organic molecules and polymers.
David P. Tabor, Texas A&M University

2:30 PM. *Journal of Physical Chemistry B – PHYS Lectureship Award*
Proton-coupled electron transfer in the blue-light photoreceptor BLUF domain.
Bei Ding, Shanghai Jiao Tong University

3:00 PM. *Journal of Physical Chemistry A – PHYS Lectureship Award*
Where is the prediction frontier for chemistry?
Brett M. Savoie, University of Notre Dame

3:30 PM. Intermission.

3:50 PM. *ACS Award in Pure Chemistry*
Ab initio electronic structure theory of solids and surfaces.
Timothy C. Berkelbach, Columbia University & The Flatiron Institute

4:20 PM. *Nakanishi Prize*
Electric fields probed in diverse systems using the vibrational Stark effect.
Steven G. Boxer, Stanford University

4:50 PM. *Ahmed Zewail Award in Ultrafast Science & Technology*
Probing electronic and nuclear dynamics at surfaces and interfaces in real time.
Tony F. Heinz, Stanford University & SLAC National Accelerator Laboratory

5:20 PM. *Peter Debye Award in Physical Chemistry*
A Theory of Entropic Bonding in Colloidal Crystals.
Sharon C. Glotzer, University of Michigan

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This symposium is partially supported by your Division of Physical Chemistry membership dues. Please do not forget to renew!