

Previous Faraday Discussions

- All previous volumes can be viewed at www.rsc.org/faraday
- Faraday Discussions from 2011 onwards are listed at www.rsc.org/faraday

Faraday Discussions 2000-2010

147: Chemistry of the Planets

Introductory Lecture: The significance of trace constituents in the solar system (Sushil K. Atreya)

146: Wetting Dynamics of Hydrophobic and Structured Surfaces

Introductory Lecture: Exploring nanoscale hydrophobic hydration (Peter J. Rossky)

145: Frontiers in Physical Organic Chemistry

Introductory Lecture & Spiers Memorial Lecture: Interplay of theory and computation in chemistry - examples from on-water organic catalysis, enzyme catalysis, and single-molecule fluctuations (RA Marcus)

144: Multiscale Modelling of Soft Matter

Introductory Lecture: Coarse-grained simulations of charge, current and flow in heterogeneous media (Daan Frenkel)

143: Soft Nanotechnology

Introductory Lecture: Nanostructured Wrinkled Surfaces for Templating Bionanoparticles (Alexander Böker)

142: Cold and Ultracold Molecules

Introductory Lecture: Collision experiments with Stark-decelerated beams (Sebastiaan van de Meerakker)

141: Water - From Interfaces to the Bulk

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140: Electrocatalysis - Theory and Experiment at the Interface

Introductory Lecture: Electrocatalysis: theory and experiment at the interface (Marc T. M. Koper)

139: The Importance of Polymer Science for Biological Systems

Introductory Lecture: Polymer science and biology: structure and dynamics at multiple scales (L. Mahadevan)

138: Nanoalloys: From Theory to Application

Introductory Lecture: Nanoalloys: tuning properties and characteristics through size and composition (Julius Jellinek)

137: The Spectroscopy and Dynamics of Microparticles

Introductory Lecture: Linear and non-linear spectroscopy of microparticles: Basic principles, new techniques and promising applications (Richard K. Chang)

136: Crystal Growth and Nucleation

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135: Chemical Concepts from Quantum Mechanics

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134: Atomic Transport and Defect Phenomena in Solids

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133: Chemical Evolution of the Universe

Introductory Lecture: The growth of molecular complexity in the Universe (Alexander Dalgarno)

132: Surface Enhanced Raman Spectroscopy

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130: Atmospheric Chemistry

Introductory Lecture: Chemistry-Climate Coupling: The Importance of Chemistry in Climate Issues (A.R. Ravishankara)

129: The Dynamics and Structure of the Liquid-Liquid Interface

Introductory Lecture: Recent Experimental Advances in Studies of Liquid/Liquid Interfaces (G. Richmond et al.)

128: Self-organising Polymers

Introductory Lecture: Strategies for Controlling Intra- and Intermicellar Packing in Block Copolymer Solutions: Illustrating the Flexibility of the Self-Assembly Toolbox (T. Lodge et al.)

127: Non-Adiabatic Effects in Chemical Dynamics

Introductory Lecture: Nonadiabatic Effects in Chemical Dynamics (D. G. Truhlar et al.)

126: Applications of Spectroscopy to Biomedical Problems

Introductory Lecture: From Biomolecules To Biodiagnostics - Spectroscopy Does It All (M. Jackson)

125: Nanoparticle Assemblies

Introductory Lecture: Small is different (U Landman et al.)

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“Discussions of the Faraday Society”

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