Interfacial water is an important aspect for disciplines as diverse as atmospheric science, geochemistry, energy science, water purification/desalination, biology and medicine. An in-depth molecular-level description of water at interfaces is thus crucial to understand the observed macroscopic phenomena in aqueous systems, and then ultimately utilize or control those phenomena.

This volume brings together internationally leading researchers in this interdisciplinary field to explore and exchange ideas, both experimental and theoretical, to further our understanding of the fundamental properties of water at interfaces.

In this volume the topics covered include:

- Ice Interfaces
- Dynamics and Nano-Rheology of Interfacial Water
- Electrified/Charged Aqueous Interfaces
- Soft Matter-Water Interface

Front cover image: A calcium cation perturbs the hydration shells of DNA molecules, creating an attractive interaction between adjacent strands.


# Faraday Discussions

## Volume: 249

**Faraday Discussions** documents a long-established series of Faraday Discussion meetings which provide a unique international forum for the exchange of views and newly acquired results in developing areas of physical chemistry, biophysical chemistry and chemical physics.

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