



WELCOME & HIGHLIGHTS

Reception & Poster Session:
June 10 at 17:30
(Proviant Albano, Hus 2)

Lunch break discussions:
group reservation at Proviant

Organizing Committee
F. Perakis, A. Nilsson



Swedish
Research
Council

*Knut och Alice
Wallenbergs
Stiftelse*



NORDITA

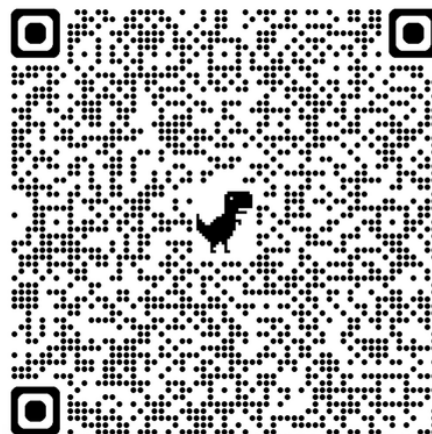
VENUE & NAVIGATION

Conference Venue:
Albano Building 2 (Hus 2)
Lecture Room 17, Floor 2

Address:
Stockholm University,
Albano Campus Norra
Djurgården, Albanovägen
20 114 19 Stockholm,
Sweden

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Digital Map:



Stockholm
University

WATER ANOMALIES: ORIGIN AND IMPLICATIONS

JUNE 10 - 12, 2026
STOCKHOLM,
SWEDEN



DAY 1: WEDNESDAY, JUNE 10

08:30 | Registration

09:00 | F. Perakis, A. Nilsson - Opening remarks

09:15 | F. Sciortino - Plenary talk: Overview and some recent results

10:00 | P. Gallo - Water and "The Others"

10:30 | Coffee break

11:00 | M. Havenith - Time resolved THz spectroscopy puts the spotlight on the solvent in photochemical reactions

11:30 | F. Paesani - A Data-Driven Many-Body Perspective on Aqueous Systems Across Phases

12:00 | Lunch break

13:30 | M. Anisimov - Interconversion of two states: generic description of fluid polyamorphism

14:00 | G. Kontogeorgis - Water thermodynamics - a (chemical) engineering point of view

14:30 | C. Vega - Simulating electrolytes with simple models

15:00 | Coffee break

15:30 | L. Pettersson - Searching for LDL templates in water

16:00 | S. Xantheas - Liquid water is markedly different than liquid H₂X (X = S, Se, Te)

16:30 | R. Signorell - Chemistry in aqueous droplets

17:30 | Welcome reception and poster session

DAY 2: THURSDAY, JUNE 11

09:00 | P. Debenedetti - Computational Studies of Water Glasses

09:30 | N. Giovambattista - Nuclear Quantum Effects in Water and Biomolecules

10:00 | N. E. Levinger - Exploring how cryoprotecting agents mitigate effects of low temperature on plant cells

10:30 | Coffee break

11:00 | K. H. Kim - Unveiling the Origin of Water's Anomalous Properties with X-ray Lasers

11:30 | S. Saito - Microscopic Origins of Water Anomalies to Dynamic Slowdown

12:00 | Lunch break

13:30 | G. Kimmel - Dynamics in supercooled water

14:00 | A. Hassanali - Glassy Arrest in Supercooled Water

14:30 | K. Amann-Winkel - X-ray scattering on amorphous ices: key to water's hidden states

15:00 | S. Sastry - Out-of-Equilibrium Potential Energy Landscape Equation of State of Shear-driven Amorphous Ice

15:30 | Coffee break

16:00 | E. Backus - Temperature-dependent vibrational energy relaxation at the air-water interface

16:30 | M. Bonn - Confined and Interfacial Water: Insights from Surface Vibrational Spectroscopy

17:00 | M. Beye - Non-linear X-ray approaches

17:30 | V. Kocherbitov - Coupling between structural evolution and glass transition in supercooled water

DAY 3: FRIDAY, JUNE 12

09:00 | P. Poole - Liquid-Liquid Phase Transition in Simulated Supercooled Water Nanodroplets

09:30 | B. Wyslouzil - Freezing nanodroplets: Probing water's phase transitions under extreme conditions

10:00 | P. Singh - The interfacial molecular structure and electrostatics of nanodroplets

10:30 | Coffee break

11:00 | Y. Harada - Size and Charge Characteristics of Pure-Water Nanodroplets Generated by Collision Nebulization

11:30 | L. Bove - How plastic water is?

12:00 | Lunch break

13:30 | J. Sellberg - Fluctuation x-ray scattering of micron-sized water droplets

14:00 | H. Tanaka - Origin of Water's Surface-Tension Anomaly and Surface-Induced Crystallization

14:30 | L. Xu - Ice Crystallization and premelting in low dimensions: an atomic-scale view

15:00 | C. Salzmann - Heterogeneous Nucleation and Interfacial Water Structure: From Atmospheric Microplastics to Heat-Battery Materials

18:00 | Conference dinner (per invitation): Van der Nootska Palace, Sankt Paulsgatan 21, 118 46 Stockholm