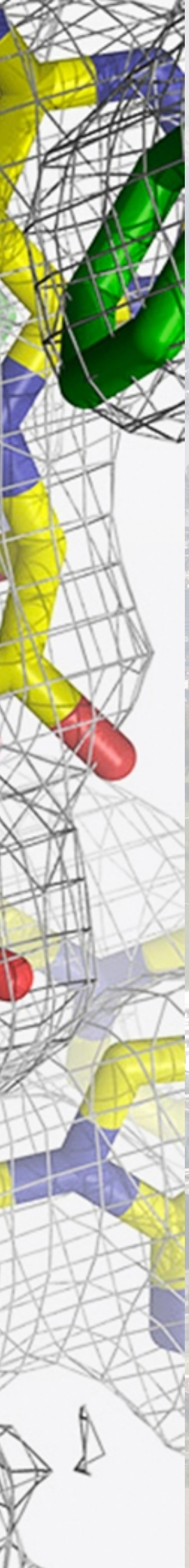

The Path of Quantum Chemistry into the 21st Century

Symposium Celebrating
Prof. Roland Lindh's 65th Birthday

The last century concluded with quantum chemistry reaching a mature state that enabled the routine study of molecules and their properties on purely theoretical grounds. At the time, one could have assumed that the field would continuously evolve into a mature final state. Then, the first 20 years of the new century brought ground-breaking new developments whose value was first underestimated, but was then demonstrated to be enormous (examples are machine learning, tensor network states, quantum computing). This conference will look at these latest developments and how they can be woven with traditional approaches into the emerging new form of theoretical chemistry in the 21st century.

Invited Speakers

Giampaolo Barone, Palermo
Stefano Battaglia, U Zurich
Malgorzata Biczysko, Shanghai
Sonia Coriani, Copenhagen
Pavlo Dral, Xiamen
Nicolas Ferré, Marseille
Laura Gagliardi, Chicago
Leticia González, Vienna
Jun-ya Hasegawa, Sapporo
Kjell Jorner, ETH Zurich
Adam Kirrander, Oxford
Stefan Knecht, Helsinki
Teodoro Laino, IBM Rüschlikon
Xiaosong Li, Seattle
Giovanni Li Manni, MPI Stuttgart
Ya-Jun Liu, Beijing
Spiridoula Matsika, Philadelphia
Isabelle Navizet, Marne-la-Vallée
Massimo Olivucci, BGSU and Siena
Jeppe Olsen, Aarhus
Henrik Ottosson, Uppsala
Thomas Bondo Pedersen, Oslo
Cristina Puzzarini, Bologna
Julia Rice, IBM San Jose
Daniel Roca-Sanjuán, Valencia
Ron Shepard, Argonne
Dage Sundholm, Helsinki
Luca De Vico, Siena
Hans-Joachim Werner, Stuttgart

Place and Date

16.01.2024 - 18.01.2024
ETH Zurich, Hönggerberg Campus

Further Information

Visit https://reiher.ethz.ch/pqcc
for the full program and further information

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