11th Symposium on Electronic Structure Theory

Frontiers of Theoretical Chemistry and Global Perspectives

November 14 (Fri), 2025

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Waseda University, Nishi-Waseda Campus Building 62W, 1st Floor, Conference Rooms A & B

Organized by

Nakai Laboratory, Department of Chemistry and Biochemistry, School of Advanced Science and Engineering, Waseda University (Institute for Science and Engineering Project: Social Implementation of Computational Chemistry)

Co-organized by Waseda Research Institute for Science and Engineering

Program

Registration deskopens

13:00 ~ 13:10

12:30.~

Opening Remarks

13:10 ~ 13:50

Invited Legiture 1 - Toni Maier (Technische Universität Braunschweig, Germany) "The MH244 Functional - Beyond an Exact+Exchange Journey's End"

 $13 \pm 50 \sim 14 \pm 30$

Invited Lecture 2 - Daeheum Cho (KyungpookNational University, South Korea) "Control of Spin-polarized Electron Transport in Molecular Junctions"

 $14830 \approx 14840$

Group Photo

 $1440 \sim 1530$

Poster Session & Coffee Break

 $1530 \sim 1610$

Invited Lecture 3 - Patchreenart Saparpakorn (Kasetsart University, Thailand) "Binding roles of 4-isochromanone derivetives as potent Acetylcholinesterse inhibitors tergeting Alzheimer's disesse

16:10~16:50

Invited Leature 4- Takeshi Sato (The University of Tokyo, Japan)

"Quantum-Classical Hybrid Simulations of Quantum Many-Body Problems:

From Chamistry to Witrafast Intense Laser Science"

 $1650 \approx 1700$

Closing Remarks

 $17:10 \sim 13:10$

Mixer