

Program

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13:00-13:05	Opening (Prof. Hidemi Nagao)
Chairman	Acep Purqon
13:05-13:30	Keynote speech (25 min. including discussion time) Atthar Luqman Ivansyah (ITB) QM/MM Modeling for Enzymatic Reactions
Oral presentation 1	(12 min. talk + 3 min. discussion)
Chairman	Manabu Oura
13:30-13:45	Williams Chiari ON INVARIANT RINGS OF TYPE II CODES AND NEIGHBORS OF SELF-DUAL CODES
13:45-14:00	A K M Selim Reza Computation of Vector-Valued Invariants for a Finite Complex Reflection Group
14:00-14:15	Sarbaini Centralizer Algebras of Two Permutation Groups of Order 1344
14:15-14:30	Break
Oral presentation 2	(12 min. talk + 3 min. discussion)
Chairman	Naoya Yamaguchi
14:30-14:45	Vani Sugiyono First-principles study of ferroelectricity in BaTiO ₃ thin-film
14:45-15:00	Selim Reza First-principles computational study on electronic structures in Zn ₂ V ₂ O ₇ using quasi-particle self-consistent GW method
15:00-15:15	Oscar Oleta Molecular Dynamics Simulations of Hemoglobin-Ligand Complexes for the Identification of Potential Anti-Polymerization Drug Candidates in Sickle Cell
15:15-15:30	Silmi Rahma Amelia Rational Design of Quercetin Derivatives as Potent Breast Cancer Therapeutics: Insights from DFT, Docking, and Molecular Dynamics Approaches
Chairman	Kazutomo Kawaguchi
15:30-15:55	Keynote speech (25 min. including discussion time) Prof. Masao Obata (KU) First-Principles Investigation of Ferromagnetic Shape-Memory Materials via GW Approximation
15:55-16:00	Closing (Prof. Acep Purqon)

International Committee

Kazutomo Kawaguchi (KU)
Acep Purqon (ITB)
Hidemi Nagao (KU)