

## 3. Theses

Lists of doctoral theses, which were written based on the PF experiments.

Doctor of Engineering

ZHAO, Yunfeng (Yamagata Univ. )

“Structural Formation under Polymer Processing Relevant Conditions” (15A, 6A and 10C)

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Doctor of Science

YANG, Cuiping (Ehime Univ.)

“Phase Relations and Melt Compositions in Hydrous Pyrolite under High Temperature and High Pressure and the Equation of State of Hydrous Minerals” (NE5C and NE7A)

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Doctor of Engineering

KIM, Dongyoung (The Univ. of Tokyo)

“Bond Percolation Conductivity in Heavily Fe-doped BaZrO<sub>3</sub> and its Application in H<sup>+</sup>-SOFC” (19B)

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Doctor of Science

NAKADA, Ryoichi (Hiroshima Univ.)

“Stable Isotopic and Speciation Studies on Neo-Rare Earth Element Geochemistry and Paleoenvironmental Analysis” (9A and 12C)

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Doctor of Philosophy

BISWAS, Nupur (Univ. of Calcutta)

“Studies on Confined Polymers” (18B)

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Doctor of Philosophy

LIU, Liang (The Univ. of Tokyo)

“Electronic Transport and Angle-Resolved Photoemission Studies of Iron-Based Superconductors” (28A)

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Doctor of Philosophy

AMBOLO DE, Leo Cristobal II Castro (The Univ. of Tokyo)

“Photoemission Study of the Iron-Based Superconductor FeTe<sub>1-x</sub>Se<sub>x</sub>” (28A)

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Doctor of Science

SHINOHARA, Yuji (Tokyo Inst. of Tech.)

“Study on the Biosynthetic Pathway for the Beta-Amino Acid Starter Unit of Macrolactam Polyketide Antibiotic Vicenistatin” (5A, NW12A)

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Doctor of Engineering

IKITAMURA, Shingo (Nagoya Univ.)

“Structural Study of Human APOBEC3 Family Proteins including HIV-1 Vif-Binding Interface” (17A)

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Doctor of Science

OKA, Kazuki (Chiba Univ.)

“Molecular Approach of the Interfacial Design for Platinum, Carbon, and Polymer Electrolyte in Polymer Electrolyte Fuel Cells” (7C, 9C and 12C)

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Doctor of Science

IMAI, Yosuke (Kyushu Univ.)

“Specific Ion Effects on Counterion Distribution in Surfactant Adsorbed Films Studied through Surface Tensiometry and Total Reflection XAFS” (7C)

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Doctor of Science

KUMAGAI, Yoshiaki (Tokyo Inst. of Tech.)

“Investigation of Doubly Excited Molecules by Measuring Cross Sections for the Formation of H(2s) Fragment Atoms” (20A and 28B)

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Doctor of Engineering

KOIDE, Yuichiro (Nihon Univ.)

“Effect of Cast-Solvent on the Morphology of Mixtures of Stereoisomeric Poly(lactic acid)s” (10C)

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Doctor of Philosophy

MONTASIR, Elahi (Tokyo Univ. of Agri. & Tech.)

“Structural and Thermodynamic Analysis of Dengue Envelope Protein Domain III: Insights into Dengue’s Serospecificity and Molecular Evolution” (5A and 17A)

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Doctor of Philosophy

WANG, Doudou (The Univ. of Tokyo)

“Structural and Functional Analysis of Kinesin Superfamily Protein KIF19A” (1A, 5A and NW12A)

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