

[H30-06]

燃料デブリ特性及び事故廃棄物処理処分に関する基礎基盤研究 Fundamental Research on Property of Fuel Debris and Waste Disposal from the Accident

学術論文（査読あり）

- [1] Shota Ueda, Byeongnam Jo, Masahiro Kondo, Nejdert Erkan, Takeshi Yajima, and Koji Okamoto, “Initial relocation behavior of control rod materials in boiling water reactors studied via time-resolved visualization”, *Nuclear Engineering and Design* **333**, pp 99-114 (2018).
- [2] Yoshihiro Iwata, Kyunghun Jung, Donguk Cheon, Ikuo Wakaida, Masabumi Miyabe, Shuichi Hasegawa, “Laser Cooling and Spectroscopy of Trapped Sr Ions,” *JPS Conference Proceedings* **24** (2019) 011039 (6 pages).
- [3] Donguk Cheon, Yoshihiro Iwata, Masabumi Miyabe, Shuichi Hasegawa, “Development of Bandpass Filtered External Cavity Diode Laser System for RIMS of Radioactive Strontium Isotopes,” *JPS Conference Proceedings* **24** (2019) 011032 (6 pages).
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- [1] 植田翔多, 「B₄C 制御棒の共晶熔融とその後の再配置過程に関する研究」, 東京大学工学系研究科, 2019 年 3 月(2019).
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修士論文

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国際会議

- [1] Shota Ueda, Kenta Inagaki, Masahiro Kondo, and Koji Okamoto, “Development of time-resolved measurement technique for qualification of eutectic melting speed”, 12th International Topical Meeting on Nuclear Thermal-Hydraulics, Operation and Safety (NUTHOS12), Qingdao, China, 2018.
- [2] Shota Ueda, Kenta Inagaki, Masahiro Kondo, and Koji Okamoto, “Investigation on Hydrodynamic Effect on Eutectic Melting”, 71st Annual Meeting of the American Physical Society Division of Fluid Dynamics, Atlanta, USA, 2018.

国内会議

- [1] Donguk Cheon, Yoshihiro Iwata, Masabumi Miyabe, Shuichi Hasegawa, “Study on the novel resonance ionization scheme of strontium for the isotope selectivity enhancement,” 日本原子力学会 2019 年春の年会, 茨城大学, 2019 年 3 月.
- [2] 岩田圭弘, Cheon Donguk, 宮部昌文, 永岡美佳, 松原菜摘, 長谷川秀一, 「レーザー共鳴イオン化を用いた実試料中 ⁹⁰Sr 分析の検討」, 第 17 回同位体科学研究会（ポスター）, 首都大学東京, 2019 年 3 月.
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招待講演等

- [1] Shota Ueda, “Nuclear Technology Management Programs of University of Tokyo”, Third International Conference on

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解説・記事等

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新聞発表等

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