

2018 1Q

**NCL.N603.L Special Lecture on Nuclear Reactor Technology III**

This class provides the recent progress in nuclear reactor technology study by the professors in Tokyo Tech. This class is for doctoral program students. (Friday: 7-8 period)

Schedule:

April 13 **Orientation – Introductory lecture**, Prof. Obara

April 20 **Boron neutron capture therapy**, Prof. Katabuchi

April 27 **Robust nuclear energy system against comprehensive threats**, Prof. Sagara

May 11 **Liquid metal technology for fission and fusion reactors**, Prof. Kondo

May 18 **Basics Principles of Quantum Mechanics for Many Identical Fermions**, Prof. Chiba

May 25 **Criticality safety study for Fukushima Daiichi NPS decommissioning**, Prof. Obara

June 1 **Integration of Ultrasonic Measurement and Robotic System for Measurement in Nuclear Power Plant Decommission**, Prof. Kikura

June 5 (Tue) **(TBD)**, Prof. Kato

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