日韓集中講義

The Short Intensive Course Program between UTokyo and SNU

学部 1 単位/Faculty 1 Credit ※4年生対象/for B4

FEN-CO5966L2 国際連携工学特別講義VI

International Collaborators' Lecture on Engineering VI

大学院 1 単位/Graduate School 1 Credit

3799-386 国際連携特別講義XIII

International Collaborators' Special Lecture on Engineering XIII

Lecturer

Associate Professor

Youho Lee

Department of Nuclear Engineering,
College of Engineering,
Seoul National University (SNU)

Special Topic on Behavior of Zirconium-based Alloy Cladding

Mon, July 26~Wed, July 28, 2021 (3days)

Course objectives

This graduate course introduces in-depth discussion of Zircaloy cladding material's behavior during both steady states and accidents. The course is designed to equip graduate students with essential knowledge and skills to comprehensively understand integral aspects of nuclear fuel behavior and its implications on reactor design, operation, and safety.

Lecture Time

July 26~28 ・・・9 : 00▸12 : 30

Lecture Plan

1st day Zircaloy Microstructure

2nd day Embrittlement and Mechanical Behavior of Zircaloy Cladding

3rd day Implications of Zircaloy Cladding Behavior on Reactor Engineering

Lecture way

Online using ZOOM ＊Please check the lecture URL on ITC-LMS

Language

English

Counterpart at UTokyo

Associate Professor Takumi Saito

Department of Nuclear Engineering and Management,

School of Engineering

工学系研究科国際工学教育推進機構

Institute for Innovation in International Engineering Education,
School of Engineering

Contact: H. Sugiura

email: seut_global30.t@gs.mail.u-tokyo.ac.jp

Registration is now open!

Please use the QR code to register.

Application Form

https://global-eng.t.u-tokyo.ac.jp/course/t-snu/index.html