

Uner Colak 教授講演会
Lecture by Prof. Uner Colak
(Istanbul Technical University)



「Light Water Reactor Safety; Basic Principles and System Integrity」

2019 年 7 月 17 日 (水) 13:00～14:50、工学部 8 号館 5 階 502 号講義室

We are pleased to invite you to attend the seminar by Prof. Uner COLAK (Istanbul Technical University, Energy Institute). Latest achievements in reactor safety and severe accidents considering new reactor design will be presented followed by discussion session.

講演者(Speaker) : Prof. Uner COLAK

(Istanbul Technical University, Energy Institute)

日時(Date & Time) : 2019 年 7 月 17 日 (水) 13:00～14:50 (13:00～14:50 on July 17, 2019)

場所(Venue) : 工学部 8 号館 5 階 502 号講義室 (Lecture Room #502 of Eng. Bldg. 8)

https://www.u-tokyo.ac.jp/campusmap/cam01_04_09_j.html

言語(Language) : 英語 (English)

Nuclear reactors are essential to generate substantial amount of emission free electricity to cope with climate change. The future of nuclear reactor technology depends on improvements in economy and safety. Safety is always an important area open for improvement. Based on the past experience, severe accidents have been under consideration for new reactor design studies. The basics of reactor safety will be introduced. Severe accidents and possible consequences are discussed with reference to design changes. Integrity of pressure vessels and fuel cladding are also discussed within the framework of safety. Furthermore, basic analysis methodology and approaches will be discussed.

<問い合わせ先 (Inquiry)>

東京大学大学院工学系研究科 Nejdett ERKAN

Email: erkan@n.t.u-tokyo.ac.jp