



The Short Intensive Course Program
between UTokyo and SNU

学部 2 単位 / Faculty 2 Credits ※4 年生対象 / for B4
FEN-CO5961L2 国際連携工学特別講義 I

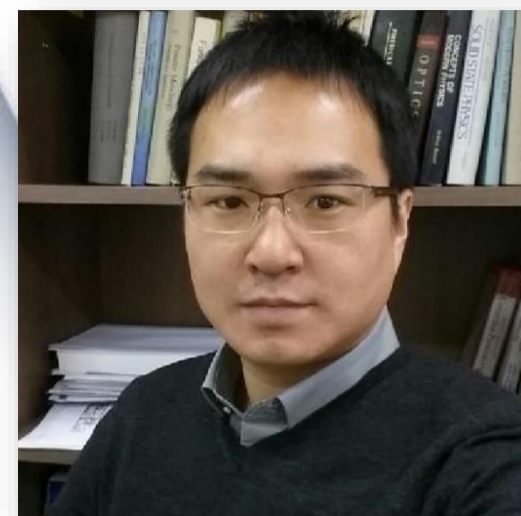
International Collaborators' Lecture on Engineering I

大学院 2 単位 / Graduate School 2 Credits

3799-380 国際連携特別講義 VII

International Collaborators'

Special Lecture on Engineering VII



Lecturer:

Associate Professor

Gwan-Hyoung Lee

Department of Materials Science and Engineering,
College of Engineering, Seoul National University
(SNU)

Two dimensional materials and applications

Mon, July 13 - Thu, July 16, 2020 (4 days)

Course objectives:

Understanding of 2D materials and their applications Course outline and application fields.

Lecture Time:

July 13 – July 15 : 10:00-12:00, 13:00-16:00

July 16 : 10:00-12:00, 13:00-17:00
(16:00-17:00 Exam)

Lecture way:

Online using ZOOM

*Please check the lecture URL on UTAS.

Language:

English

Counterpart at UTokyo:

Professor Kosuke Nagashio
Department of Materials Engineering,
Graduate School of Engineering

Lecture Plan:

- Ch. 1. History of 2D Materials
- Ch. 2. Properties of Graphene
- Ch. 3. Properties of 2D Insulators
- Ch. 4. Properties of 2D Semiconductors
- Ch. 5. Production of 2D Materials
- Ch. 6. Analytical Tools for 2D Materials
- Ch. 7. Property Control of 2D Materials
- Ch. 8. van der Waals Heterostructures
- Ch. 9. Applications of 2D Materials

工学系研究科国際工学教育推進機構

Institute for Innovation in International Engineering Education,
Graduate School of Engineering Contact: H. Sugiura

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Registration is now open!

Please use the QR code
to register.

