

Let's Join International Video Exchange Live Lectures on Nano-Science between OU and UG !!

INSD NanoScience Video Exchange Lectures 2021

The following international video exchange live lectures in English will be held between Osaka University (OU) and the University of Groningen (UG). A couple of one-hour lectures, one from OU and the other from UG, will be given four times. On UG side, there attend the students belonging to the Top Mater Course of NanoScience conducted by *Zernike Institute*, UG. On OU side, not only those Master and PhD students who are registered as the INSD nanoprogram students but also those who are interested in the lectures are welcome to join the class and discussion. Do not miss such a valuable opportunity! These lectures are regarded as “International Exchange Lectures on Nanoscience and Nanotechnology A” (credit: 1 unit). Please register your name in advance in order to receive the on-line website and lecture slides in advance.

Exchange lectures: every Friday from October 15th to November 19th, 2021 except on November 5th. On October 15th the introductory lecture is given only in Osaka, together with the video address given by the 2016 Nobel Laureate, UG Prof. Benard L. Feringa,

Time (JST): 16:00-18:15 for October 15th, 22nd and 29th, and
 17:00-19:15 for November 12th and 19th (because of winter time in Europe).

Places:

(Main: Toyonaka Campus) INSD Lecture Room 305, 3rd floor, Interdisciplinary Research Building, <http://www.osaka-u.ac.jp/en/access/toyonaka/toyonaka.html>

On 10/15, 11/12 and 11/19, the place may change to INSD Meeting Room 304.

(Live on-line) URL of Webex Meeting System will be delivered upon registration.

	Date	time	Lecturers	Topics
0	10/15 (Friday)	16:00-18:15	Tadashi Itoh	Introduction, Photophysics of quantum dots, Video address by Prof. Benard L. Feringa
1	10/22 (Friday)	16:00-18:15	Akira Harada, Remco Havenith	Supramolecular materials Calculation of molecular properties
2	10/29 (Friday)	16:00-18:15	Yasufumi Fujiwara, Loredana Protesescu	LED with rare-earth-doped semiconductors Functional inorganic nanomaterials
3	11/12 (Friday)	17:00-19:15	Hidekazu Tanaka, Thomas la Cour Jansen	Electronic phase change oxides Quantum design of nanomaterials
4	11/19 (Friday)	17:00-19:15	Syoji Ito, Jan Anton Koster	Single-molecule fluorescence detection Organic semiconductors for thermoelectrics

The lectures 1~4: Groningen-Osaka Joint Lectures. The abstracts of the lectures will be soon uploaded on the website: <http://www.insd.osaka-u.ac.jp/nano/>.

The program is also shared by University of Science-Malaysia, King Mongkut's Institute of Technology Ladkrabang-Thailand, and Institute of Materials Science and GUST, VAST-Vietnam.

Grading Policy: Attendance more than 60% among the five days and submission of short report every time, and a report about the summary of two topics out of the nine lectures. This lecture series is assigned as “**International Exchange Lectures on Nanoscience and Nanotechnology A**” (credit: 1 unit).

Deadline and method of application:

Deadline is Wednesday, October 13th. Send the following information either in Japanese or in English to the INSD program office.

E-mail address: nano-program@insd.osaka-u.ac.jp

Students: full name, affiliation (graduate school/school, department, D/M/B, school year, affiliated research laboratory), e-mail address, specify whether one takes nanoprogram or not, place of attendance (Toyonaka/on-line).

Other members: full name, affiliation (institution, affiliated research laboratory, position), e-mail address, place of attendance (Toyonaka/on-line).

- * On-site registration is also possible for those who attend the lecture No.0 or No.1 at Toyonaka Campus
- * If one cannot attend some classes during the series of lectures, please specify the date of absence in advance.