

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

INSD NanoScience Video Exchange Lectures 2024

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.

*INSD: *R³ Institute for Newly-Emerging Science Design*, OU

Exchange lectures: every Friday from October 11th to November 15th, 2024 except on November 1st. On October 11th the introductory lecture is given only in Osaka, together with the video Nobel Prize lecture given by the 2016 Nobel Laureate, UG Prof. Benard L. Feringa.

Time (JST): 16:00-18:15 for October 11th, 18th and 25th, and
 17:00-19:15 for November 8th and 15th (because of winter time in Europe).

Places:

(Main: Toyonaka Campus) INSD Meeting Room 304, 3rd floor, Interdisciplinary Research Building, <http://www.osaka-u.ac.jp/en/access/toyonaka/toyonaka.html>
 (Live on-line) URL of Webex Meeting System will be delivered upon registration.

	Date	time	Lecturers	Topics
0	10/11 (Friday)	16:00-18:15	Tadashi Itoh	Introduction, Photophysics of quantum dots, Video address and lecture by Prof. Benard L. Feringa
1	10/18 (Friday)	16:00-18:00	Antonia Gubisic-Cabo Hidekazu Tanaka	Kinetic <i>in situ</i> single-layer synthesis technique Electronic phase change oxide
2	10/25 (Friday)	16:00-18:00	Yoshitada Morikawa, Erika Covi	Computational materials design for surfaces Memristive and CMOS technologies
3	11/8 (Friday)	17:00-19:00	Hiroshi Miyasaka, Jagoda Sławińska	Photochemistry with multiphoton absorption and multiple excitation in the condensed phase Spin-orbit-related phenomena for energy-efficient electronic devices
4	11/15 (Friday)	17:00-19:00	Yasuhiro Nakazawa Jan Anton Koster	Molecular superconductors and their thermodynamics Perovskite solar cells: numerical modelling

The lectures 1~4: Groningen-Osaka Joint Lectures. The abstracts of the lectures are given in separate sheets.

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 Tuesday, October 8th. 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

* On-site registration is also possible for those who attend the lecture No.0 or No.1 at Toyonaka Campus

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).

* If one cannot attend some classes during the series of lectures, please specify the date of absence in advance.