



TIA GRADUATE SCHOOL SUMMER OPEN FESTIVAL 2016

Summer Lecture in 2016 for Nanoscience/Nanotechnology Recruitment of Participants

The Graduate School of Pure and Applied Sciences, the University of Tsukuba and Institute for NanoScience Design, Osaka University will jointly hold the Summer Lecture in 2016 for Nanoscience/Nanotechnology as a part of the development of human resources. We are looking forward to your participation.

NOTE:

The Summer Lecture will be held in two sessions: Session A (July 29 to Aug. 5) and Session B (Aug. 29 to Sep. 9). Please choose the session when you apply. It is available to attend lectures in both sessions.

Session A

Dates July 28 to Aug. 5, 2016 (8 days: No lecture on July 31 Sun.)

Venues B0110 Laboratory of Advanced Research B, the University of Tsukuba;
Suita Campus and Toyonaka Campus, Osaka University (TV Relay System)

Lecturers Prof. Etienne Gheeraert (Institut Neel, CNRS and University of Grenoble-Alpes, France)
"Solid State Diffusion"

Prof. Henri Mariette (Institut Neel, CNRS and University of Grenoble-Alpes, France)
"Elaboration of Semiconductor Nanostructures"

Prof. Ulrike Woggon (Technical University of Berlin, Germany)
"Optical Spectroscopy of Nanostructured Materials"

Dr. Tristan Cren (CNRS/Institut des NanoSciences de Paris, Université Pierre et Marie Curie, France)
"STM and STS, their principles and application to materials science"

Tuition Fee Free **Note:** At the University of Tsukuba venue, Welcome Party with Prof. Etienne Gheeraert and Prof. Henri Mariette will be held on the evening of July 28; Participation Fee of 1,000 yen.

Time/Date	7/28	7/29	7/30	7/31	8/1	8/2	8/3	8/4	8/5
9:00-10:34				OFF					
10:45-12:19									
12:45-14:19									
14:30-16:04									

	Advanced Nanotechnology I
	Prof. Ulrike Woggon
	Advanced Nanotechnology II
	Dr. Tristan Cren
	Advanced Nanotechnology III
	Prof. Etienne Gheeraert
	Advanced Nanotechnology IV
	Prof. Henri Mariette

Session B

Dates Aug. 29 to Sep. 9, 2016 (10 days: No lecture on Sep. 3 Sat. and Sep. 4 Sun.)

Venue B0611 Laboratory of Advanced Research B, the University of Tsukuba

Lecturer Prof. Christophe Vallée (LTM- CEA/LETI MINATEC and University of Grenoble-Alpes, France)
"Thin Films and advanced plasma processes for microelectronics"

Tuition Fee Free (Party will not be held)

Time/Date	8/29	8/30	8/31	9/1	9/2	9/3	9/4	9/5	9/6	9/7	9/8	9/9
10:10-11:25						OFF	OFF					

※Program contents might be changed which please be noted. Thank you.



Targeted Participants Graduate students and professionals interested in Nanoscience and Nanotechnology.

Note: With a recommendation letter from your academic adviser, college seniors and students of technical colleges can attend this course.

Number of Positions Around 30 people (all-day attendance in principle)

Selection Process Registration form screening (Graduate students have priority to apply in case of oversubscription.)

Note: After the application deadline (June 27), a participation confirmation will be sent to all participants by e-mail.

Travel Expenses

■ **For students not from the University of Tsukuba:** Transportation expenses and some assistance for accommodation fee:

You can stay at Daigaku Kaikan, the accommodation at the University of Tsukuba. The first-come, first-served basis. If you would like to make a reservation, please check the box of the Registration form. If you stay at the other hotels, a part of accommodation expenses will be provided later.

■ **Others:** No assistance for travel or accommodation fee

By your own expenses, you can stay at Daigaku Kaikan at the University of Tsukuba, it depends on the room availability. If you would like to make a reservation, please check the box in the registration form.

How to Apply

Access the URL (https://tia-edu.jp/summer_fes2016/), and click the “Summer Lecture in 2016”. Please click the “Registration form” button, fill in the form and “Submit” it.

Application Due Date: June 27, 2016

Approval of Credits

Graduate Students (Master's) not from the University of Tsukuba

The University of Tsukuba approves the class subjects (1 credit each) of this Summer School as in the regular curriculum of the master's program; for this reason, graduate students (Master's) who wish to acquire the credits can take the classes as Exchange Students by obtaining permission from both their universities and the University of Tsukuba. If you would like to acquire the credits, when the e-mail notice of participation confirmation arrived, please access to the information at the URL of TIA Graduate Summer School below:

<http://tia-edu.jp/wp/wp-content/uploads/2016/05/2016tanni.pdf>

Graduate Students (Master's) of the University of Tsukuba

The students who received the e-mail notice of participation confirmation and would like to acquire the credits, register the classes in TWINS by your major code number. The credits will be included as completion of requirements of Master's program, but NOT of Doctoral Program.

	Classes and Lecturers	Majors			
		Nano-science and Nano-technology	Applied Physics	Materials Science	Physics
Session A 7/28-8/5	Advanced Nanotechnology I Prof. Ulrike Woggon	02BQ207	01BF291	01BG089	01BC306
	Advanced Nanotechnology II Dr. Tristan Cren	02BQ210	01BF292	01BG090	01BC307
	Advanced Nanotechnology III Prof. Etienne Gheeraert	02BQ208	01BF293	01BG091	01BC308
	Advanced Nanotechnology IV Prof. Henri Mariette	02BQ209	01BF294	01BG092	01BC309
Session B 8/29-9/9	Advanced Nanotechnology V Prof. Christophe Vallée	02BQ212	01BF295	01BG098	01BC310

* The code numbers might be changed.

Schedule from Registration to the last day	
Session A	Items
June 27 Mon.	Application deadline ※Orientation meeting will be held. The detail is to be announced.
~June 30 Thur.	With the following information, the e-mail notice of participation confirmation will be sent to applicants: ① Application Form for Special Students (Only for graduate students Master's not from the University of Tsukuba) ② TWINS subjects enrollment info(Only for graduate students of the University of Tsukuba) ③ Application Form for transportation and accommodation support (Only for students) ※You pay first and we will make it up according to the RECEIPT you submit to us.
July 7 Thur.	①Deadline for the request document to the University of Tsukuba for Special Students (Only for graduate students of Master's not from the University of Tsukuba)
Aug. 5 Fri.	②TWINS Input due date(Only for students of the University of Tsukuba)
July 28 Thur.	Lectures begin
July 31 Sun.	No lectures
Aug. 5 Fri.	③ Application deadline for transportation and accommodation fee support(Only for students). Please submit all the documents at the registration desk. ※You pay first and we will make it up according to the RECEIPT you submit to us.
Session B	Items
June 27 Mon.	Application deadline ※Orientation meeting will be held. The detail is to be announced.
~July 5 Tue.	With the following information, the e-mail notice of participation confirmation will be sent to applicants. Please submit the required document you need by its due date. ① Application Form for Special Students (Only for graduate students Master's not from the University of Tsukuba) ② TWINS subjects enrollment info(Only for graduate students of the University of Tsukuba) ③ Application Form for transportation and accommodation support (Only for students) ※You pay first and we will make it up according to the RECEIPT you submit to us.
July 25 Mon.	①Deadline for the request document to the University of Tsukuba for Special Students (Only for graduate students of Master's not from the University of Tsukuba)
Aug. 5 Fri.	②TWINS Input due date(Only for students of the University of Tsukuba)
Aug. 29 Mon.	Lectures begin
Sep. 3 Sat. – Sep. 4 Sun.	No lectures
Sep. 9 Fri.	③ Application deadline for transportation and accommodation fee support(Only for students). Please submit all the documents at the registration desk. ※You pay first and we will make it up according to the RECEIPT you submit to us.

Contact Information

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