

Call for Participants
Kyoto Institute of Technology
Summer School 2018 on
Raman Spectroscopy of
Biomaterials and Biomolecules

1. Purpose

This program provides a unique opportunity for Italian students to learn up-to-date Biomaterials and Biomolecular Sciences in Japan through pioneer scientists in Raman spectroscopy, orthopedics and medicinal chemistry, and to collaborate with Japanese students. All the lectures will be given in English. Students will be able to improve their communication skills, to learn intercultural differences and, besides science, to deepen their understanding of Japanese culture.

2. Dates and Venue

From September 6th to 13th, 2018 at Kyoto Institute of Technology in Kyoto City, Japan.

3. Eligibility

The Summer School is open to Bachelor, Master and Doctoral students enrolled full-time in degree seeking programs at any university CRUI member in Italy.

The number of accepted students is limited to a maximum of **24**.

KIT will give priority and accept 3 or more applicants from each KIT partner university, while selecting the remaining students among all the applicants.

Applicants must meet all of the following criteria:

- 1) Applicants must be high-achieving students in their home institutions with a GPA of 2.3 points or more in the previous year to receive the above scholarship A. (See the GPA calculation chart on the last page.)
- 2) Applicants must participate in the whole program.

4. Program

- Lectures of biomaterials and biomolecular science
- Hands-on experience on biomaterials and biomolecular science in traditional Kyoto crafts
- KIT Lab visits
- Exploring the City of Kyoto
- Final presentation / closing ceremony with obtainment of a Summer School Completion Certificate from the Kyoto Institute of Technology

5. Costs

KIT will financially support the total program fee, materials and equipment, and accommodation for the selected 24 Italian students.

Each student will be responsible for the following expenses:

- international flights
- transportation to and from KIX (airport) to KIT
- meals (excluding parties and official invitations; cf. program) and personal purchases
- travel insurance
- cultural activity expenses (approx. 10,000 JPY)

80,000 JPY JASSO scholarships will also be granted to students from KIT partner universities, but their availability is limited (6 scholarships) and priority will be established according to the GPA score of the student candidates.

6. Required Documents and Procedures

Dates	Procedures
By April 26	Each participating University submits the followings: <ul style="list-style-type: none">- list of applicants and information (fill in the excel file provided by KIT).
By May 15	KIT issues an ID and password for each applicant to sign-in to our online application system, and sends the instructions of application procedure to the applicants.
By May 31	Each applicant is required to submit the following documents through online application. <ul style="list-style-type: none">- Application for Admission, Form A- Application Form B-1- Certificate of Enrollment at current institution/university- Academic Transcript of AY2017 (PDF file) for each applicant- Photocopy of Passport <p>* Please note that no application will be accepted beyond the deadline.</p>
By the end of June	KIT selects students based on their applications and will notify the result to each applicant in conjunction with the respective University.
During July	VISA application (only for students who need a VISA to enter Japan; Italian nationals do not need a VISA for a short stay in Japan)
By July 31	Selected students submit the following documents to KIT. <ul style="list-style-type: none">- Photocopy of Traveler's Insurance- Flight information (arrival/departure flight number and time)- Online Pre-program Questionnaire (will be sent to the selected applicants with the selection notification)

7. Accommodation

All students are required to stay in the guesthouse arranged by the KIT.

Guesthouse EMI (<http://emikyoto.wixsite.com/contact/blank-6>)

Accommodation fees for **9 nights** (check-in September 5th, check-out September 14th.) are fully covered by KIT. This is an off-campus, non-KIT guesthouse but exclusively reserved for this program during the above period. Rooms are Japanese style shared rooms. For details, see the attached accommodation info sheet. Room assignments will be determined by KIT office. Men and women will be separated and rooms may be shared among students of different nationality.

8. Study Report

Each student will be required to submit a post program questionnaire and a B-2 report form to KIT before returning to his/her home institution.

[Contact]

Academic Alliances
International Affairs
Kyoto Institute of Technology
TEL: +81-75-724-7129
E-mail: kokusai@jim.kit.ac.jp

When contacting us by email, please indicate
“**Biomaterials Summer School**” in the
subject title.

Use the chart below to calculate your “JASSO GPA*”.

4-Level Evaluation		Excellent	Good	Pass	Fail
4-Level Evaluation		A	B	C	F
4-Level Evaluation		100~80 pts.	79~70 pts.	69~60 pts.	59 pts.~
5-Level Evaluation	100~90 pts.	89~80 pts.	79~70 pts.	69~60 pts.	59 pts.~
5-Level Evaluation	S	A	B	C	F
5-Level Evaluation	A	B	C	D	F
JASSO Grade Points	3	3	2	1	0






(Formula for calculation)

$((\text{Number of credits at grade point } 3 \times 3) + (\text{Number of credits at grade point } 2 \times 2) + (\text{Number of credits at grade point } 1 \times 1) + (\text{Number of credits at grade point } 0 \times 0)) \div \text{Total Number of Credits}$ (Round to the second decimal place.)

* If a credit system is not used at the institution concerned, convert each class to one credit.

KIT Summer School 2018 on Raman Spectroscopy of Biomaterials and Biomolecules [Time Table] **TENTATIVE**

As of Feb 27

Date	5-Sep	6-Sep	7-Sep	8-Sep	9-Sep	10-Sep	11-Sep	12-Sep	13-Sep	14-Sep
	Wed	THU	FRI	SAT	SUN	MON	TUE	WED	THU	FRI
A M	9:00									Check-out
	10:00		Registration	<i>Lecture 1:</i> Raman Spectroscopy: A short tutorial Giuseppe Pezzotti (2h)	Kyoto Cultural Excursion 	Kyoto Cultural Excursion 	<i>Lecture 2:</i> Raman Spectroscopic assessments of living cells and bacteria Giuseppe Pezzotti and Osam Mazda (2h)	<i>Lecture 3:</i> Raman Spectroscopic assessments of bone and joints in health and disease Giuseppe Pezzotti and Nobuhiko Sugano (2h)	<i>Experimental Lecture:</i> Experiments of Raman spectroscopy Wenliang Zhu and Elia Marin (2h)	Students' presentation sessions
	11:00		Orientation							
			Campus Tour							
	12:00		Welcome Luncheon	KIT Cafeteria		KIT Cafeteria	KIT Cafeteria	KIT Cafeteria	Farewell Party	
P M	13:00	Arrival & Check-in	Lab tour	Biomaterials and Biomolecules in Kyoto Traditions 1. Aromatic Insense 			Biomaterials and Biomolecules in Kyoto Traditions 2. Fiber Materials 	Biomaterials and Biomolecules in Kyoto Traditions 3. Ceramics 	Preparation for students' presentation	Free time (Early check-out)
	14:00		Visiting Raman laboratory and other main laboratories in KIT (2h)							
	15:00									
	16:00									