

# KIT Summer School 2026

for Bio-Innovation through Engineering:  
Materials, Processes and Industry



**JULY 9th – 24th**

Kyoto Institute of Technology, Japan



## CALL FOR PARTICIPANTS

Nomination Deadline:  
**March 31, 2026**

Join us in Kyoto during the vibrant season of the Gion Festival, a tradition unchanged for a thousand years.

In a city where a millennium of history meets innovation, the Kyoto Institute of Technology welcomes students from around the world to study science and technology in a unique academic environment.

Organized by

**Prof. KUMADA Yoichi**

Faculty of Molecular Chemistry and Engineering

**Assoc. Prof. Elia MARIN**

Faculty of Materials Science and Engineering

The nomination of applicants will only be accepted through the International Office or the Coordinator of International Programs at the applicant's university.

京都工芸繊維大学  
KYOTO INSTITUTE OF TECHNOLOGY

# KIT Summer School 2026

## for Bio-Innovation through Engineering: Materials, Processes and Industry

### CALL FOR PARTICIPANTS



#### 1. Purpose

The KIT Summer School 2026 introduces international students to how engineering knowledge is applied in modern bio-industries. The program covers key topics such as biomaterials engineering, biocompatibility and biomimetic design, microbial biofilm control and bacterial bio-production, biomolecular diagnostics, *in vivo* biomedical sensing technologies, and biopharmaceutical manufacturing. Through these examples, students will learn how fundamental subjects in materials science, chemistry, biochemistry, and chemical engineering are connected to real industrial applications. Led by Prof. KUMADA Yoichi and Assoc. Prof. Elia Marin, the Summer School offers lectures on cutting-edge bio-engineering research and technologies in Japan, delivered by university faculty and experts from the bio-industry, together with visits to leading Japanese technology companies. These academic and industrial experiences provide students with valuable insights into future careers in the global bio-industry. Held during the Gion Festival—one of Kyoto's most important cultural heritages and among the most renowned traditional festivals in Japan—the program offers a unique opportunity to experience both advanced bio-engineering and the living cultural traditions of Kyoto, making it a distinctive and memorable learning experience for international students.

#### 2. Organizer

**Prof. KUMADA Yoichi**

Faculty of Molecular Chemistry and Engineering

**Assoc. Prof. MARIN Elia**

Faculty of Materials Science and Engineering

Kyoto Institute of Technology

#### 3. Period and Venue

From **Thursday, July 9** to **Friday, July 24, 2026** at KIT and around Kyoto City, Japan.

**You MUST Check in Marikoji Kaikan (see section 8) by 2 PM on Thursday, July 9 and join the orientation starting at 3 PM.**

If you are flying into KIX (Kansai Int'l Airport), you should arrive on the **early morning of July 9 at the latest**, as it takes more than **3 hours** to travel from KIX to the KIT campus.

#### 4. Eligibility

Students must be full-time **Master's students** at KIT's partner universities, or **final-year Undergraduate students** intending to progress to graduate school at a KIT partner university.

The number of international participants is limited to approximately **10 students**. (Scholarship eligibility differs from the eligibility above. See "10. Financial Assistance" on the next page.)

#### 5. Language

The language of instruction is English.

#### 6. Content

##### • Academic Components

*Lectures by Prof. KUMADA Yoichi, KIT  
Lectures by Assoc. Prof. Elia MARIN, KIT  
Lectures by guest professors  
Lectures by industry & company visits  
(Shimadzu Corporation)*

##### • Cultural and common activities

*• Orientation, Facility and Lab visit  
• Cultural Activity, festival visit  
• Final presentation and Farewell lunch*

#### 7. Costs

**Program, material and equipment fees are waived!**

Each student is responsible for the following expenses:

- International flights
- Airport transportation to and from KIT
- Accommodation (see **section 8** below)
- Meals and personal purchases
- Travel insurance

#### 8. Accommodation

International participants will stay at:

**Marikoji Kaikan.** A dormitory for International students.

- **Check-in: July 9 (Thursday by 2PM)**
- **Check-out: July 25 (Saturday at 9AM)**
- **Total of 16nights**
- Total fee: about 40,000 – 48,000 JPY/person

- Shower / bathroom in each room.
- Free Wi-Fi etc.
- Room type will depending on availability.
- KIT will make the room assignment, and room sharing with other students will be required.
- Approx. 30 min. to KIT by bus.

Outline of the Marikoji Kaikan →



## 9. Application Procedures

Deadline	Application Procedures
March 31	<p>Each partner university sends the following to the KIT International Office.</p> <ul style="list-style-type: none"> <li>• <b>A list of applicants name and their e-mail address</b></li> <li>• <b>All academic records since enrollment in the current program</b></li> </ul> <p>KIT pre-selects participants and scholarship recipients, and notifies them individually.</p>
Submission Deadline: April	<p>Each selected applicant receives detailed instructions for completing the application process. Follow the instructions and submit application forms and supporting documents by the designated deadline.</p> <p>For students who require an entry visa, KIT will request the necessary documents separately.</p>
May	KIT finalizes participant and scholarship selection based on the submitted documents and notifies each applicant of the results.
June	Selected applicants will be asked to submit the documents clarifying travel details to KIT.

## 10. Financial Assistance (optional)

Only those who meet all the requirements listed below are eligible to apply for the JASSO scholarship.

**The number of available scholarships is limited.  
Result will be announced around end of MAY.**

KIT will select the recipients based on the submitted application materials and the number of participants from each university.

**JASSO (Japan Student Services Organization) Scholarship:**  
80,000 JPY/student

Scholarship will be paid to recipients **in JPY cash at KIT on Friday, July 10, 2026.**

### Requirements:

- The applicants must be high-achieving students at their home institutions with a JASSO GPA of 2.30 or higher in the previous year. (See the JASSO GPA calculation chart below).
- Scholarship students must attend the whole program from July 9 until July 24.
- Applicants must have financial hardship to participate in this program without this financial assistance.
- Applicants may not receive financial support from other sources that exceeds the JASSO scholarship of 80,000 JPY for expenses related to the Summer School.

Note: Scholarship amount and requirements subject to change according to an official call to be made by JASSO by the end of March

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.
5-Level Evaluation	S	A	B	C
5-Level Evaluation	A	B	C	D
JASSO Grade Points	<b>3</b>	<b>3</b>	<b>2</b>	<b>1</b>
				<b>0</b>

KIT is implementing the **JoinTECH Laboratory program** with 6 universities in Europe.\*

If you are in your last year of an undergraduate program or enrolled in a master's program at one of these universities, you will be classified as a "JoinTECH-Visit" student. This lets you apply for "JoinTECH-Lab" in the future, which allows you to conduct longer-term research at KIT.

\* Ca' Foscari University of Venice, University of Udine, University of Ljubljana, University of Orléans, University of València, University of Twente

## 11. Before / After the program Questionnaire

JASSO Scholarship recipients are required to submit a questionnaire (Form B-2) to KIT before leaving Japan.

## 12. Credits

All international participants who complete the curriculum will receive a **"Certificate of Completion"** from KIT that can be used for credit at their home institution. (Please ask your home institution for further details.)

**[Contact]** International Affairs Office  
Kyoto Institute of Technology  
kokusai@jim.kit.ac.jp

When contacting us by email, please indicate  
"KIT Bio Summer School" in the title.

Formula for calculation:

((Number of credits at grade point 3 x 3) +  
(Number of credits at grade point 2 x 2) +  
(Number of credits at grade point 1 x 1) +  
(Number of credits at grade point 0 x 0)) /  
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.

**Timetable:** This is still tentative and subject to change.

					July 9 THU	July 10 FRI	July 11 SAT	
AM	<b>Lecturers:</b> <b>KIT Profs., Guest Profs. &amp; Experts from the bio-industry</b> <b>Themes:</b> <ul style="list-style-type: none"> <li>• Biomaterials Engineering</li> <li>• Biocompatibility and Biomimetic Design</li> <li>• Microbial Biofilm Control and Bacterial Bio-Production</li> <li>• Biomolecular Diagnostics</li> <li>• In Vivo Biomedical Sensing Technologies</li> <li>• Biopharmaceutical Manufacturing</li> </ul>					Arrive to Japan	Orientation Campus Tour	Free Day
PM				Check-in MARIKOJI	Scholarship Payment	Meet KIT Students	Lab Tour	

	July 12 SUN	July 13 MON	July 14 TUE	July 15 WED	July 16 THU	July 17 FRI	July 18 SAT
AM	Free Day	<b>Lectures</b>		Cultural Activity	<b>Lectures</b>		Free Day
PM				Explore Kyoto City			
<b>Gion-Festival: Yoiyama 14th-16th</b>		<b>Yamahoko Parade 17th</b>					

	July 19 SUN	July 20 MON	July 21 TUE	July 22 WED	July 23 THU	July 24 FRI	July 25 SAT
AM	Free Day	National Holiday Free Day	<b>Lectures</b>		<b>Company Visit</b>	Final Presentation	Check-out MARIKOJI
PM						Closing Ceremony & Farewell Party	

*We look forward to seeing you in Kyoto!*

