International GNSS Summer School 2023
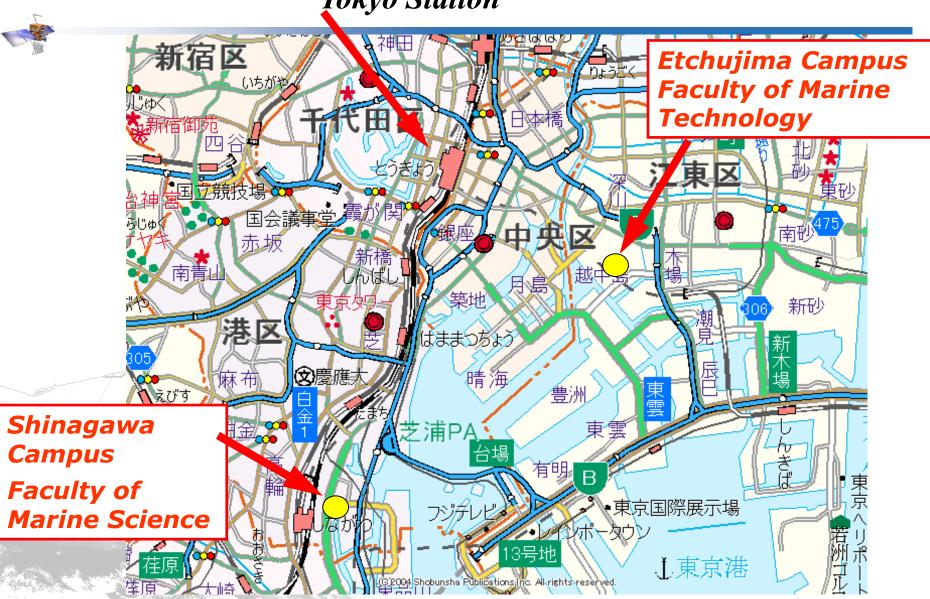
- *Period : 2023/08/28- 09/02*

- *Venue : Tokyo University of Marine Science and Technology (TUMSAT)*

- *Organized by Faculty of Marine Technology, TUMSAT*

- *Co-organized by Institute of Positioning, Navigation and Timing of Japan (IPNTJ)*

- *Sponsored by Japan Science and Technology Agency (JST)*

Map of Central Tokyo

Tokyo Station

Etchujima Campus Faculty of Marine Technology

Shinagawa Campus

Faculty of Marine Science

Etchujima Campus (School of Marine Technology)

Outline of International Summer School in Tokyo

- Date : 2023/08/28-09/02
- Organized by : Tokyo University of Maine Science and Technology (TUMSAT), Japan
- Co-Organized by : The Institute of Positioning, Navigation and Timing of Japan
- Attendees : Japanese and foreign students of postgraduate & young engineers and instructors who are teaching GNSS in their own countries.
- Requested to bring their own notebook computer.
- Number of participants : 40
- Language : English
- Fee : 60,000JPY, (20,000JPY for students).
- Supported by : MGA(Multi-GNSS Asia), GESTISS (Geospatial and Space Technology Consortium for Innovative Social Service), QZSS Services
- Sponsored by JST

Call for Application for 2023

- Eligible Candidates

 --Beginners with master level (Preferable who Specialized in Electronics or Information & Communication Technologies)

 --Young instructors who are in charge of teaching GNSS in their own countries.

- Call for Scholarship* Application by April 20.
- * (Round Trip Ticket + Accommodations + Fee) about 10 participants mainly from the developing countries.
- Acceptance Notification for Scholarship by Early June.
- Call for Application until 40 Participants.
- Contact: Prof. Akio Yasuda at Tokyo University of Marine Science and Technology, yasuda@kaiyodai.ac.jp
- Attendees are requested to bring their own notebook computer.

Application for 2023

- Please prepare the following items, even though you don't apply the scholarship. The scholarship includes round trip ticket, 7-night accommodation, 6-day lunch and the fee. Please submit the following items by April 20, when you apply the scholarship.

- 1. CV

- 2. Certification of the graduation. (for your all career)*

- 3. Transcript with student's records. (for your all career)*

- 4. Certification for English ability (Score of TOEFL, IELTS or TOEIC)*

- 5. Recommendations by two responsible persons*

- 6. Your Institute's data (Responsible person etc.)

   #5 & #6 are waived, if you don't apply the scholarship.

*Please submit the scanned original documents by e-mail to yasuda@kaiyodai.ac.jp for the selection and bring the originals if accepted.
Please do not pay the fee until the application is accepted even if you will attend by your own budget.
   Fill the registration form at https://fs221.xbit.jp/a424/form2/
   The result will be informed to the applicants by e-mail by April 20.

QZSS Services

Tentative Time Table in 2023

	28-Aug Monday	29-Aug Tuesday	30-Aug Wednesday	31-Aug Thursday	1-Sep Friday	2-Sep Saturday
0830-1000	Introduction	Class B-1	Class C-1	Class B-5	Class C-4 SDR I	QZSS EWS**
1000-1010	Break	Break	Break	Break	Break	Break
1010-1140	Class A-1	Class B-2	Class C-2	Class B-6	Class C-5 SDR II	GNSS Signal Authentication**
1140-1230	Lunch	Lunch	Lunch	Lunch	Lunch	Lunch
1230-1400	Class A-2	Class B-3	Class C-3	Port Cruise G-I Campus Tour G-II	SDR Practice	Low-Cost Receiver Systems**
1400-1410	Break	Break	Break	Break	Break	Break
1410-1540	Class A-3	Class B-4	Special Lec-II	Port Cruise G-II Campus Tour G-I	Practice for System Design, SD-workshop	Pariticipants Workshop
1540-1550	Break	Break	Break	Break		Break
1550-1720	Class A-4	Special Lec-I	GNSS Receiver Practice	RTK-LIB Practice		Closimg
1730-	Welcome Party	1 class=90 minutes			Farewell Party	
			Introduction	Dr. Akio Yasuda	System Design by	
			Class-A		Dr. Naohiko Kohtake	
			Fundamentals	Dr. Ivan G. Petrovski A-1,2,3,4		
	Instructors		Class-B	Dr. Toru Takahashi B-1,2,3,4		
			Software	Dr. N. Kubo B-5,6,RTK-LIB Practice		
			Class-C	Dr. Toshiaki Tsujii C1,2,3		
			Receiver	Dr. Taro Suzuki, C4, C5, SDR-Practice	**by Dr. Dinesh Manandhar	

Time Table in 2019

	29-Jul	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
0830-1000	Introduction	Class B-1	Class C-1	Class B-5	Practice for System	GNSS Signal Security***
1000-1010	Break	Break	Break	Break	Design, followed by	Break
1010-1140	Class A-1	Class B-2	Class C-2	Class B-6	SD-workshop	GNSS Authentification***
1140-1230	Lunch	Lunch	Lunch	Lunch	Lunch 1200-1240	Lunch
1230-1400	Class A-2	Class B-3	Class C-3	RTK-LIB Practice	RTK-Demo G-I / Port Cruise	GNSS Raw Measurements from Android Device***
1400-1410	Break	Break	Break	Break	Campus Tour G-II	Break
1410-1540	Class A-3	Class B-4	Class C-4	SDR Practice I	RTK-Demo G-II / Port Cruise	Pariticipants Workshop-I
1540-1550	Break	Break	Break	Break	Campus Tour G-I	Break
1550-1720	Self-Intorduction	QZSS-Intro & Demo*	Special Lec. **	SDR Practice II	Lecture and Demo	Pariticipants Workshop-II & Closing
1730-	Welcome Party	1 class=90 minutes			Farewell party	

	Instructors			System Design	***by Dr. Dinesh	
		Introduction	Dr. Akio Yasuda	Dr. Naohiko Kohtake	Manandha	
		Class-A	Dr. Nobuaki Kubo			
		Fundamentals	Dr. Ivan G. Petrovski A-1,2,3			
		Class-B	Dr. Takeyasu Sakai , B-1,2,3,4	* by QZSS Group		
		Software	Mr. Tomoji Takasu B-5,6,Practice			
		Class-C	Dr. Toshiaki Tsujii, C1,2,3	**Status of CORS in Japan		
		Receiver	Dr. Taro Suzuki, C4, SDR-Practice			

ublox

JRC