



日本・アジア青少年サイエンス交流事業
さくらサイエンスプラン
Japan-Asia Youth Exchange Program in Science

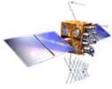


International GNSS Summer School 2019

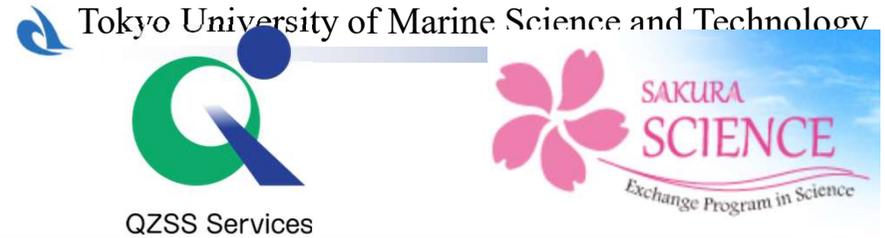
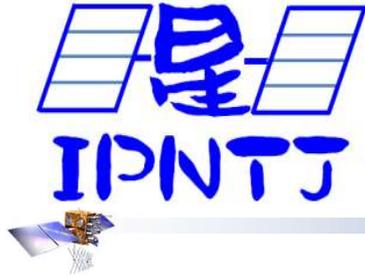


- *Period : 2019/07/29- 08/03*
- *Venue : Tokyo University of Marine Science and Technology (TUMSAT)*
 - *Organized by Faculty of Marine Technology, TUMSAT*
 - *Co-organized by Institute of Positioning, Navigation and Timing of Japan (IPNTJ)*
 - *Sponsored by Japan Science and Technology Agency (JST)*

Etchujima Campus (School of Marine Technology)



Laboratory of Satellite Navigation Engineering

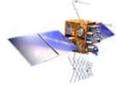


Outline of International Summer School in Tokyo

- Date : 2019/07/29-08/03
- Organized by : Tokyo University of Marine Science and Technology (TUMSAT), Japan
- Co-Organized by : The Institute of Positioning, Navigation and Timing of Japan
- Attendees : Japanese and foreign students of post graduate & 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 2019



- 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 **February 16**.
- * (Round Trip Ticket + Accommodations + Fee) about 20 participants mainly from the developing countries.
- Acceptance Notification for Scholarship by **April 20**.
- 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 2019

- 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 February 16**, 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



Time Table in 2018



Time Table 2018						
	30-Jul	31-Jul	1-Aug	2-Aug	3-Aug	4-Aug
	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
0830-1000	Introduction	Class B-1	Special Lec. **	Class B-5	Practice for System Design, followed by SD-workshop	GNSS Signal Security***
1000-1010	Break	Break	Break	Break		Break
1010-1140	Class A-1	Class B-2	Class C-1	Class B-6	Lunch 1200-1240	GNSS Authentication***
1140-1230	Lunch	Lunch	Lunch	Lunch		Lunch
1230-1400	Class A-2	Class B-3	Class C-2	RTK-Demo G-I Port Cruise	SDR Practice I	GNSS Raw Measurements from Android Device***
1400-1410	Break		Break	Break	ECDIS Center G-II	Break
1410-1540	Class A-3	Class B-4	Class C-3	RTK-Demo G-II Port Cruise	SDR Practice II	Participants Workshop
1540-1550	Break	Break	Break	ECDIS Center G-I	Break	Break
1550-1720	Self-Introduction	QZSS-Intro & Demo*	Class C-4	RTK-LIB Practice	Lecture and Demo septentrio	Participants workshop
1730-	Welcome Party	1 class=90 minutes			Farewell party	
	Instructors	Introduction	Dr. Akio Yasuda		System Design	***by Dr. Dinesh Manandha
		Class-A	Dr. Nobuaki Kubo		Dr. Naohiko Kohtake	
		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 by Mr. Imakiire	
		Receiver	Dr. Taro Suzuki, C4, SDR-Practice			





Tentative Time Table in 2019



	29-Jul Monday	30-Jul Tuesday	31-Jul Wednesday	1-Aug Thursday	2-Aug Friday	3-Aug Saturday
0830-1000	Introduction	Class B-1	Class C-1	Class B-5	Practice for System Design, followed by SD-workshop	GNSS Signal Security***
1000-1010	Break	Break	Break	Break		Break
1010-1140	Class A-1	Class B-2	Class C-2	Class B-6	Lunch 1200-1240	GNSS Authentication***
1140-1230	Lunch	Lunch	Lunch	Lunch		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	ECDIS Center G-II	Break
1410-1540	Class A-3	Class B-4	Class C-4	SDR Practice I	RTK-Demo G-II Port Cruise	Participants Workshop
1540-1550	Break	Break	Break	Break	ECDIS Center G-I	Break
1550-1720	Self-Introduction	QZSS-Intro & Demo*	Special Lec. **	SDR Practice II	Lecture and Demo	Participants Workshop Closing
1730-	Welcome Party	1 class=90 minutes			Farewell party	
 	Instructors	Introduction	Dr. Akio Yasuda		System Design	***by Dr. Dinesh Manandha
		Class-A	Dr. Nobuaki Kubo			
		Fundamentals	Dr. Ivan G. Petrovski A-1,2,3		Dr. Naohiko Kohtake	
		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			
Receiver	Dr. Taro Suzuki, C4, SDR-Practice		**Status of CORS in Japan			