

Virtual GNSS Summer School 2022

Organizer: IPNTJ

Co-organizer: TUMSAT

	29-Aug	30-Aug	31-Aug	1-Sep
JST	Monday	Tuesday	Wednesday	Thursday
1200-1330	Introduction	B-1: Software for basic	Class C-1: SDR-Receiver	1200-1300: Introduction of QZSS****
1330-1340	Break	Break	Break	1300-1400: Navlc lecture*****
1340-1510	Class A-1: Positioning with GNSS and satellite orbits	B-2: Software for basic positioning	Class C-2: SDR-Demo	1400-1500: GNSS Signal Security*****
1510-1540	Break	Break	Break	Break
1540-1710	Class A-2: GNSS Signals	B-3: Introduction of RTKLIB	Special Lectures (One hour each)	D-1: Practice on SDR receiver with RTKLIB Part I, Part II.
1710-1720	Break	Break	1510: GNSS Satellite Products for Positioning*	
1720-1850	Class A-3: Generic GNSS receiver theory	B-4: RTKLIB DEMO	1610: Update of Galileo** 1710: PPP Tropospheric Estimation***	Closing
		1 class=90 minutes		
Instructors		Introduction / Closing	Dr. Akio Yasuda / Dr. Nobuaki Kubo (TUMSAT)	
		Class-A : Fundamentals	Dr. Ivan G. Petrovski (iP-Solutions Satellite Applications, inc.)	
		Class-B : Software	Dr. Toru Takahashi, B-1,2 (Electronic Navigation Research Institute)	
			Mr. Tomoji Takasu , B-3,4 RTKLIB & Demo (TUMSAT)	
		Class-C: Receiver	Dr. Taro Suzuki, C1,2, SDR-Demo (Chiba Institute of Technology)	
		Class-D: SDR Practice	Dr. Ivan G. Petrovski (iP-Solutions Satellite Applications, Inc.)	
		Special Lectures	* Dr. Urs Hugentobler (Technical University of Munich)	
			** Dr. Peter Buist (Galileo Reference Center, EUSPA)	
			*** Dr. Gerard Lachapelle (The University of Calgary)	
			**** Dr. Rui Hirokawa (Mitsubishi Electric)	
***** Dr. Anindya Bose (The University of Burdwan)				
		***** Dr. Dinesh Manandhar (The University of Tokyo)		