

# JAPAN-US NETWORK OPPORTUNITY 3 (JUNO3) 2<sup>ND</sup> PRINCIPAL INVESTIGATOR (PI) MEETING

October 4 (Fri), 2024  
Venue: NICT Headquarters  
(Tokyo, Japan)

## Agenda

### Opening (On-site/Online)

JST	EST (-1 day)	
9:00-9:10	19:00-19:10	Welcome comments by NICT and NSF (10 mins)

### Part 1: 2<sup>nd</sup> PI Meeting (On-site/Online)

9:10-9:45	19:10-19:45	<b>Session 1</b> "Leveraging Heterogeneous Programmable Data Planes for Security and Privacy of Cellular Networks, 5G & Beyond"	Toru Hasegawa (Shimane University) Yuki Koizumi (Osaka University) Toshiaki Tanaka (University of Hyogo) Jun Kurihara (University of Hyogo) Kadangode K Ramakrishnan (UC Riverside) Timothy Wood (The George Washington University)
9:45-10:20	19:45-20:20	<b>Session 2</b> "End-to-end network slicing and orchestration in future programmable converged wireless-optical networks"	Hiroshi Hasegawa (Nagoya University) Motoharu Matsuura (The University of Electro-Communications) Suresh Subramaniam (The George Washington University) Shih-Chun Lin (North Carolina State University)
10:20-10:40	20:20-20:40	Break (20 mins)	
10:40-11:15	20:40-21:15	<b>Session 3</b> "SWIFT: Softwarization of Intelligence for Efficient 6G Mobile Networks"	Nei Kato (Tohoku University) Muhammad Ismail (Tennessee Tech University) Mostafa Fouda (Idaho State University)
11:15-11:50	21:15-21:50	<b>Session 4</b> "Towards an Internet of Federated Digital Twins (IoFDT) for Society 5.0: Fundamentals and Experimentation"	Kei Sakaguchi (Tokyo Institute of Technology) Walid Saad (Virginia Tech)
11:50-12:25	21:50-22:25	<b>Session 5</b> "Cloud-Carrier Cooperation for Efficient and Ultra-Reliable Programmable Backbone Networks"	Yoshinari Awaji, Yusuke Hirota (National Institute of Information and Communications Technology) Biswanath Mukherjee (UC Davis) Sifat Ferdousi (UC Davis)
12:25-12:35	22:25-22:35	Wrap-up (10 mins)	
12:40-14:00	Lunch (80 mins)		
<b>Part 2: Lab Tour (On-site only)</b>			
14:00-16:35	Lab Tour (155 mins) Space/Satellite Communications, Optical Communications Cybersecurity, Space Weather Forecast		