Program

1. Opening Session
   Chair: Seigo Kanemaru (Director General, Department of Electronics and Manufacturing, AIST )

Greetings
   10:00-10:08  Ryoji Chubachi (President, AIST )
   10:08-10:15  Tomohiro Terasaki (Director for Regional R&D Promotion, University-Industry Collaboration and Regional R&D Division, Science and Technology Policy Bureau, MEXT )

Keynote Speech
   10:15-10:55  “Silicon Photonics for Future Datacenters and Computing”
                Clint Schow (Professor, University of California, Santa Barbara, USA )
   10:55-11:35  “Fundamental Needs and Challenges for Optical Networks in the Post-Moore Era”
                Satoshi Matsuoka (Professor, GSIC Tokyo Institute of Technology )
   11:35-12:15  “Service Innovation through "Vision Intelligence”
                Tsuneo Komatsuzaki (Managing Executive Officer, Director of Intelligent Systems Laboratory, SECOM CO., LTD )
   12:15-13:15  Lunch Break

2. Poster Presentations
   13:15-14:00  Group A

3. VICTORIES Session
   Chair: Tomohiro Kudoh (Professor, Information Technology Center, The University of Tokyo )

Presentation by AIST
   14:00-14:30  “VICTORIES: Status and Challenges toward Innovation”
                Shu Namiki (Chairperson of VICTORIES Executive Committee, AIST )
   14:30-14:45  ① “Network Application Interface: Performance Assurance for Software-based Packet Processing”
                Ryousei Takano (Group Leader, Information Technology Research Institute, AIST )
   14:45-15:00  ② “Dynamic Node: Development of Open and Disaggregated Standard Rack”
                Shu Namiki (Deputy Director, Electronics and Photonics Research Institute, AIST )
   15:00-15:15  ③ “Optical Path Conditioning: Challenges in Digital Coherent Age”
                Takashi Inoue (Group Leader, Electronics and Photonics Research Institute, AIST )
   15:15-15:30  ④ “Optical Path Processor: Technology Development for Practical Silicon Photonic Switches”
                Kazuhiro Ikeda (Group Leader, Electronics and Photonics Research Institute, AIST )

4. Poster Presentations & Coffee Break
   15:30-16:30  Group B

5. Special Presentation Session
   Chair: Hitoshi Kawashima (Principal Research Manager, Electronics and Photonics Research Institute, AIST )
   16:30-17:00  “Standardization activity and research of radio-over-fiber in NICT”
                Toshiaki Kuri (Research Manager, Network System Research Institute, NICT )
   17:00-17:30  “8K Ultra High Definition (UHD) Imaging for Medical Application”
                Hiromasa Yamashita (Director, Medical Imaging Consortium, and Associate professor, University Research Center, Nihon University )
   17:30-17:40  Closing Remarks : Toshihiko Kanayama (Senior Vice-President, AIST )
   18:00-       Reception