

WG1: Expanding human potential toward a society in which everyone can pursue their dreams**[Dec.18] 9:40-15:40**

Chair: DOI Miwako, Auditor, National Institute of Information and Communications Technology (NICT)

Sub-chair: KITANO Hiroaki, President & CEO, Sony Computer Science Laboratories, Inc. (Sony CSL) /
Professor, Okinawa Institute of Science and Technology Graduate University (OIST)**9:40-9:50**

Introductory	DOI Miwako, NICT
--------------	------------------

9:50-10:50 Freedom from Body Limitations

9:50-10:00 About the subtheme	INAMI Masahiko, Professor, Research Center for Advanced Science and Technology, The University of Tokyo
10:00-10:20 Presentation	Domenico Prattichizzo, Full Professor of Robotics, Department of Information Engineering and Mathematics, University of Siena
10:20-10:45 Discussion (*Moderator)	*INAMI Masahiko, The University of Tokyo
	Domenico Prattichizzo, University of Siena
	KITANO Hiroaki, Sony CSL/OIST
10:45-10:50 Summary of the subtheme	INAMI Masahiko, The University of Tokyo
10:50-11:00 Break	

11:00-12:00 Freedom from Brain Limitations

11:00-11:10 About the subtheme	KANOH Toshiyuki, Excutive Chief Engineer, Data Science Research Laboratories, NEC Corporation
11:10-11:30 Presentation	WATANABE Takeo, The Life-Time Fred M. Seed Chair, Distinguished Professor, Department of Cognitive, Linguistic & Psychological Sciences, Brown University
11:30-11:55 Discussion (*Moderator)	*KANOH Toshiyuki, NEC Corporation
	WATANABE Takeo, Brown University
	HAGITA Norihiro, Chair and Professor, Art Science Department, Osaka University of Arts
11:55-12:00 Summary of the subtheme	KANOH Toshiyuki, NBIC

12:00-13:20 Break**13:20-14:20 Freedom from Space Limitations and Time Limitaions**

13:20-13:30 About the subtheme	KITANO Hiroaki , Sony CSL / OIST
13:30-13:50 Presentation	David Locke, Director, Prize Management, XPRIZE Foundation
13:50-14:15 Discussion (*Moderator)	*KITANO Hiroaki , Sony CSL / OIST
	David Locke, XPRIZE Foundation

	INAMI Masahiko, The University of Tokyo
14:15-14:20 Summary of the subtheme	KITANO Hiroaki , Sony CSL / OIST
14:20-14:30 Break	
14:30-15:30 Human in the CPS Loop	
14:30-14:40 About the subtheme	HIGASHINO Teruo, Professor, Graduate School of Information Science and Technology, Osaka University
14:40-15:00 Presentation	Kenneth L. Calvert, Division Director, Computer and Network Systems, Directorate for Computer and Information Science and Engineering, National Science Foundation (NSF), USA
15:00-15:25 Discussion (*Moderator)	*HIGASHINO Teruo, Osaka University
	Kenneth L. Calvert, NSF, USA
	TOKUDA Hideyuki, President, NICT
15:25-15:30 Summary of the subtheme	HIGASHINO Teruo, Osaka University
15:30-15:40	
Summary of the WG session	DOI Miwako, NICT