February 19-22, 2024, Big Island, Hawaii
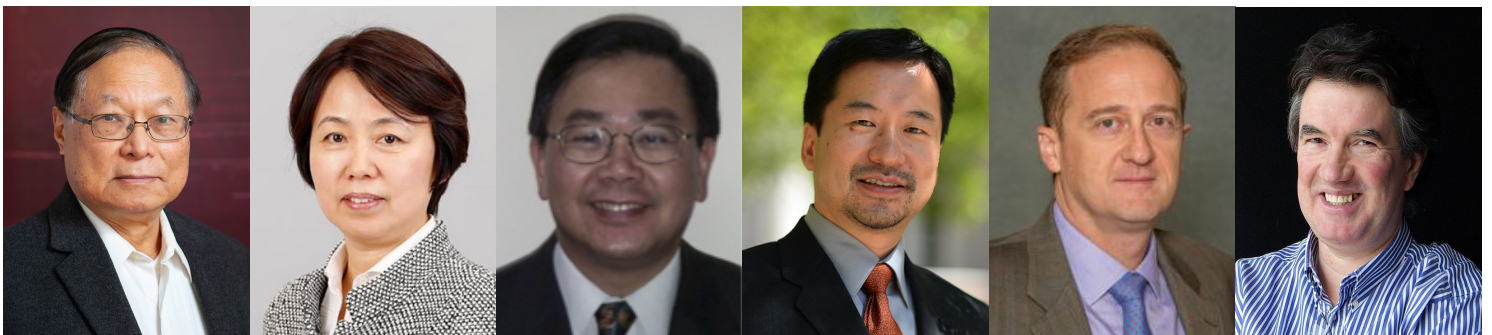
ICNC 2024 Highlight

Keynote Speakers

Speaker: Robert Calderbank
Title: Learning to Communicate
Time: 8:30 - 9:30, Thursday, February 22, 2024

Speaker: Aggelos K. Katsaggelos
Title: On Label Efficient Learning
Time: 8:30 - 9:30, Monday, February 19, 2024

Speaker: H. Vincent Poor
Title: Integrated Sensing and Communications: Tradeoffs and Designs
Time: 8:30 - 9:30, Tuesday, February 20, 2024

Speaker: Yuanyuan Yang
Title: Entanglement Management over Quantum Internet
Time: 8:30 - 9:30, Wednesday, February 21, 2024

Plenary Talks

Speaker: David H.C. Du
Title: Computing In-X for Supporting Big Data Applications
Time: 13:30 - 14:30, Wednesday, February 21, 2024

Speaker: Yusheng Ji
Title: Leveraging ML for Traffic Engineering in Large-scale Networks
Time: 14:30 - 15:30, Thursday, February 22, 2024

Speaker: Victor C.M. Leung
Title: Collaborative Secure Edge Intelligence for 6G IoT
Time: 14:30 - 15:30, Tuesday, February 20, 2024

Speaker: Shiwen Mao
Title: AIGC for RF Sensing
Time: 13:30 - 14:30, Thursday, February 22, 2024

Speaker: John Papapolymerou
Title: Heterogeneous Integration and Packaging of RF electronics ⋯
Time: 13:30 - 14:30, Tuesday, February 20, 2024

Speaker: Dirk Slock
Title: ACA Bayes with Wi-PHY Apps - Asymptotically Correct ⋯
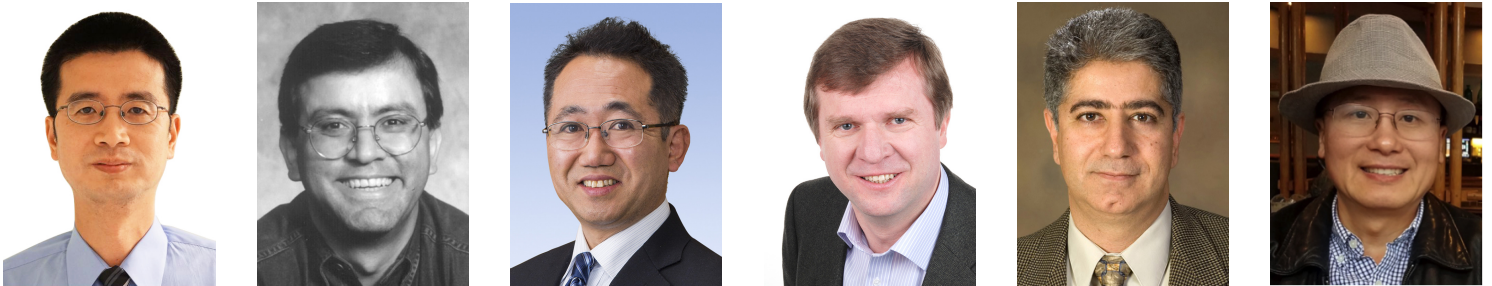**Time:** 14:30 - 15:30, Wednesday, February 21, 2024

Distinguished Lectures

Speaker: Xiuzhen Cheng
Title: Decentralized Storage Networking
Time: 11:00 - 12:00, Monday, February 19, 2024

Speaker: Georgios Giannakis
Title: Topology ID and Learning over Graphs: Nonlinearities & Dynamics
Time: 10:00 - 11:00, Monday, February 19, 2024

Speaker: Honggang Wang
Title: Federated Learning for eHealth Applications
Time: 16:00 - 17:00, Monay, February 19, 2024

Speaker: Xinbin Wang
Title: Realizing 6G: Objectives, Challenges and Enabling Technologies
Time: 17:00 - 18:00, Monday, February 19, 2024

Invited Talks

Speaker: Xinwen Fu
Title: Building Automation System Security
Time: 10:00am-10:30am, Tuesday, February 20, 2024

Speaker: Ender Ayanoglu
Title: Achieving Optimum Received Power in the Smallest ···
Time: 10:30am-11:00am, Tuesday, February 20, 2024

Speaker: Eiji Oki
Title: Service Deployment with Priority Control in NFV
Time: 11:00am-11:30am, Tuesday, February 20, 2024

Speaker: Sergei Gorlatch
Title: High-Level Development of Networked Applications ···
Time: 11:30am-12:00pm, Tuesday, February 20, 2024

Speaker: Marwan Krunz
Title: Synthesizing RF Coverage Maps for WSs Using Generative AI
Time: 16:00pm-16:30pm, Tuesday, February 20, 2024

Speaker: Jie Wang
Title: Use AI to Assist In-Depth Paper Reading and Understanding
Time: 16:30pm-17:00pm, Tuesday, February 20, 2024

Speaker: Shucheng Yu
Title: Robust and Privacy-Preserving FL: Cryptographic ···
Time: 17:00pm-17:30pm, Tuesday, February 20, 2024

Speaker: Zhipeng Cai
Title: Enhanced Privacy with GANs: Novel Models for SDP
Time: 17:30pm-18:00pm, Tuesday, February 20, 2024

Speaker: Rose Qingyang Hu
Title: WiSegRT: Dataset for Site-Specific Indoor Radio · · ·
Time: 10:00am-10:30am, Wednesday, February 21, 2024

Speaker: Manos M. Tentzeris
Title: Zero-Power Additively Manufactured FHE-Enabled · · ·
Time: 10:30am-11:00am, Wednesday, February 21, 2024

Speaker: Jelena Misic
Title: Deploying PoS and Delegated PoS protocols for blockchains in IoT
Time: 11:00am-11:30am, Wednesday, February 21, 2024

Speaker: Naoaki Yamanaka
Title: Time-space synchronized digital twin application for URLLC
Time: 11:30am-12:00pm, Wednesday, February 21, 2024

Speaker: Yu Cheng
Title: To Find the Supremacy of ML in WN Optimization
Time: 16:00pm-16:30pm, Wednesday, February 21, 2024

Speaker: Chin-Tser Huang
Title: Reliably Putting Their Heads Together: Application · · ·
Time: 16:30pm-17:00pm, Wednesday, February 21, 2024

Speaker: David W. Matolak
Title: Reliable Communications for Future Aviation
Time: 17:00pm-17:30pm, Wednesday, February 21, 2024

Speaker: Wei Wang
Title: Ride Sharing Inspired Wireless Access Networks
Time: 17:30pm-18:00pm, Wednesday, February 21, 2024

Speaker: Song Ci
Title: Building a Digital Power Computer for Green 6G
Time: 10:00am-10:30am, Thursday, February 22, 2024

Speaker: Yingfei Dong
Title: GPS Spoofing on Individual Drones and Drone Swarms
Time: 10:30am-11:00am, Thursday, February 22, 2024

Speaker: Shervin Shirmohammadi
Title: Improving Network Operation Center Automation with RL
Time: 11:00am-11:30am, Thursday, February 22, 2024

Speaker: Michele Zorzi
Title: On the Simulation & Evaluation of Non-Terrestrial Networks
Time: 11:30am-12:00pm, Thursday, February 22, 2024

Speaker: Panos Nasiopoulos
Title: Navigating Urban Gridlock: An RT Street Parking ...
Time: 16:00pm-16:30pm, Thursday, February 22, 2024

Speaker: Yu Wang
Title: Participant Selection and Learning Scheduling for FEL
Time: 16:30pm-17:00pm, Thursday, February 22, 2024

Speaker: Cedric Westphal
Title: A brief history of RDMA over IP
Time: 17:00pm-17:30pm, Thursday, February 22, 2024

ICNC 2024 Program-at-a-Glance
Big Island, Hawaii, USA
February 19-22, 2024

Time/Day	Monday (February 19)					Tuesday (February 20)				
Room	Keauhou II	Keauhou III	Keauhou IV	Mauna Kea	Mauna Loa	Keauhou II	Keauhou III	Keauhou IV	Mauna Kea	Mauna Loa
8:20-8:30	Opening Remarks									
8:30–9:30	Keynote: **Aggelos K. Katsaggelos** Northwestern University, USA					Keynote: **H. Vincent Poor** Princeton University, USA				
9:30-10:00	Coffee Break									
10:00-12:00	Dist. Lectures: **Georgios Giannakis Xiuzhen Cheng**	CNS I	CNS II	CNS III	CNS IV	Invited Talks I	AMCN I	CIS I	ECB I	MCC
12:00-13:30	Lunch									
13:30–15:30	CNS V	CNS VI	CNS VII	CNS VIII	CNS IX	Plenary: **John Papapolymerou**, Michigan State University, USA **Victor C.M. Leung**, University of British Columbia, Canada				
15:30-16:00	Coffee Break									
16:00–18:00	Dist. Lectures: **Honggang Wang Xianbin Wang**	CNS X	CNS XI	CNS XII	CNS XIII	Invited Talks II	AMCN II	CIS II	ECB II	CIS III
19:00–21:00						Welcome Reception (Keauhou I)				
Time/Day	Wednesday (February 21)					Thursday (February 22)				
Room	Keauhou II	Keauhou III	Keauhou IV	Mauna Kea	Mauna Loa	Keauhou II	Keauhou III	Keauhou IV	Mauna Kea	Mauna Loa
8:30–9:30	Keynote: **Yuanyuan Yang** Stony Brook University, USA					Keynote: **Robert Calderbank** Duke University, USA				
9:30-10:00	Coffee Break									
10:00-12:00	Invited Talks III	AMCN III	CIS IV	NGNI I	MWN I	Invited Talks V	AMCN V	WC I	NAPE	SPC
12:00-13:30	Lunch									
13:30–15:30	Plenary: **David H.C. Du**, University of Minnesota, USA **Dirk Slock**, EURECOM, France					Plenary: **Shiwen Mao**, Auburn University, USA **Yusheng Ji**, National Institute of Informatics, Tokyo, Japan				
15:30-16:00	Coffee Break									
16:00–18:00	Invited Talks IV	AMCN IV	SCDM	NGNI II	MWN II	Invited Talks VI	WASN	WC II	OGN	
19:00–21:00	Banquet & Award Ceremony (Keauhou I)									

Registration Desk Hours

Monday (February 19):   8:00 - 16:00   Tuesday (February 20):   8:00 - 16:00
Wednesday (February 21): 8:00 - 16:00   Thursday (February 22): 8:00 - 12:00

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