

Monday, March 11

Monday, March 11 8:45 - 9:00

PerIoT-S1: Introduction and Opening Remarks 

Chair: Puya Ghazizadeh (Seton Hall University, USA)

Monday, March 11 9:00 - 10:00

PerIoT-S2: Keynote Talk 

Dr. Hirozumi Yamaguchi

Chair: Puya Ghazizadeh (Seton Hall University, USA)

[Distributed Machine Learning over Wireless Sensor Networks](#)

[Hirozumi Yamaguchi](#) (Osaka University, Japan)

Monday, March 11 10:30 - 12:00

PerIoT-S3: Session 1: IoT Systems and Deployments 

Chair: Puya Ghazizadeh (Seton Hall University, USA)

[Using Attribute-Based Encryption on IoT Devices with instant Key Revocation](#)

[Marten Fischer](#) (University of Applied Sciences Osnabrueck, Germany); [Ralf Tönjes](#) and [Alfred Scheerhorn](#) (University of Applied Sciences Osnabrück, Germany)

[ComPOS: Composing Oblivious Services](#)

[Alfred Åkesson](#), [Görel Hedin](#), [Boris Magnusson](#) and [Mattias Nordahl](#) (Lund University, Sweden)

[Origin-Destination Tracking Analysis of an Intelligent Transit Bus System using Internet of Things](#)

[Samy S. El-Tawab](#), [Zachary Yorio](#), [Ahmad Salman](#) and [Raymond Oram](#) (James Madison University, USA); [B. Brian Park](#) (University of Virginia, USA)

Monday, March 11 1:30 - 3:00

PerIoT-S4: Session 2: Systems and Applications in IoT 

Chair: Ahmad Salman (James Madison University, USA)

[A Context-based Strategy for SLA Negotiation in the IoT Environment](#)

[Fan Li](#) and [Siobhán Clarke](#) (Trinity College Dublin, Ireland)

[Reasoning about a Communication Protocol for Vehicular Cloud Computing Systems](#)

[Aida Ghazizadeh](#) (Old Dominion University, USA); [Puya Ghazizadeh](#) (Seton Hall University, USA); [Stephan Olariu](#) (Old Dominion University, USA)

[Access Time Improvement Framework for Standardized IoT Gateways](#)

[Asad Javed](#) (Aalto University, School of Science, Finland); [Narges Yousefnezhad](#) (Aalto University, Finland); [Jérémy Robert](#) (University of Luxembourg, Luxembourg); [Keijo Heljanko](#) (University of Helsinki & HIIT, Finland); [Kary Främling](#) (Aalto University & ControlThings Oy Ab, Finland)

Monday, March 11 3:30 - 4:30

PerIoT-S5: Session 3: IoT applications and implementations 

Chair: Puya Ghazizadeh (Seton Hall University, USA)

[A False Sense of Home Security - Exposing the Vulnerability in Away Mode of Smart Plugs](#)

[Austin Wang](#) and [Shahriar Nirjon](#) (University of North Carolina at Chapel Hill, USA)

[Cloud-based Low-cost Energy Monitoring System through Internet of Things](#)

[Claire Fulk](#), [Grant Hobar](#), [Kevin Olsen](#) and [Samy S. El-Tawab](#) (James Madison University, USA); [Puya Ghazizadeh](#) (Seton Hall University, USA); [Farzana Rahman](#) (Florida International University, USA)

Monday, March 11 4:30 - 4:50

PerIoT-S6: Closing remarks  TOP

Chair: Puya Ghazizadeh (Seton Hall University, USA)