

## ISADS2019, Conference Day 1, Monday, April 8th, 2019

Entrance	08:00	Registration			
R1.49	09:00	<b>Opening</b>	Erik Puik, General Chair		
R1.49	09:05	<b>Word of Welcome</b>	Cyrille Krul, Dean of HU University of Applied Sciences Utrecht		
R1.49	09:10	<b>Keynote</b>	Open, Community-Driven Network for Autonomous Decentralized Systems Alexander Overtoom (NL), COO of The Things Network		
R1.49	09:50	Coffee Break			
R1.49	10:20	<b>Forum A - Society,</b> Moderator: Carlos Perez-Leguizamo (Bank of Mexico, Mexico)	Introduction, Kinji Mori (Waseda University, Japan)		
R1.49	10:30		(1) Transportation: Remco Schellekens (NL), Topic: Train Transportation		
R1.49	11:20		(2) Finance: Huawei Zhao (Qilu University of Technology, China), Topic: Blockchain in Decentralized Digital Economy		
R1.49	12:10		(3) Information: Colin Harrison (IBM, USA), Topic: Autonomous Urban Systems		
Lobby	13:00	Lunch			
R1.49	14:10	<b>ISADS Paper Presentations 1</b> Chair: Leo van Moergestel (HU University of Applied Sciences Utrecht, the NL)	Matthew De La Rosa and Yinong Chen, A Machine Learning Platform based on Multitrotor Activity Recognition		
R1.49	14:30		Jinhui Zhu, Yinong Chen, Mei Zhang, Qiang Chen, Ying Guo, et al., An Edge Computing Platform of Guide-dog Robot for Visually Impaired		
R1.49	14:50		Hamid Al-Hamadi, Ing-Ray Chen and Ding-Chau Wang, Analysis of Attack-Defense Strategies in Autonomous Distributed IoT Systems		
R1.49	15:10		Hiram Ponce, Towards Artificial Hydrocarbon Networks: The Chemical Nature of Data-Driven Approaches		
Lobby	15:30	Coffee Break			
R1.49 & R1.50	16:00	<b>ISADS Paper Presentations 2</b> Chair: Carlos Perez-Leguizamo (Bank of Mexico, Mexico) Room 1.49	Koji Amano, et al., A qualitative and quantitative management methods for autonomous system using Structured Identifier Management Technology	<b>BcADS Paper Presentations</b> Chair: Huawei Zhao (Qilu University of Technology, China Room 1.50)	Wen-Xing Lin, Jin-Quan Zuo, Shuai Su and Chi Chen, A double-blockchains based Digital Archives Management Framework and Implementation
R1.49 & R1.50	16:20		Hiram Ponce, Population-Based Metaheuristic Optimization Using Organized Social Wound Treatment		Zhiqin Zhu, Guanqiu Qi, Matthew Haner, Jaesung Sim, Jian Sun, Yi Chai and Yinong Chen, Blockchain based Consensus Checking in Cloud Storage
R1.49 & R1.50	16:40		Namiko Saito, Zhang, Miyake, Sugano and Kinji Mori, A Life-linkage Services Platform Supporting Diverse Lifestyles based on Individual Demands		Huawei Zhao, Wei Cui, Shouwei Li and Ruzhi Xu, Token Economy: A New Form Economy with Decentralized Mutual Trust and Collective Governance
Lobby	17:15	Reception			
	18:30	End of Day 1			

## ISADS2019, Conference Day 2, Tuesday, April 9th, 2019

Entrance	08:40	Registration			
R1.49	09:00	<b>Forum B-1: Industry</b> Moderator: Yinong Chen (Arizona State University, USA)	Introduction: Yinong Chen		
R1.49	09:10		(1) Manufacture: Stefan Covaci (FOKUS, Germany), Topic: 5G as Enabler of Industrie 4.0		
Lobby	10:00	Coffee Break			
R1.49	10:30	<b>Forum B-2: Industry</b>	(2) Standards: Farokh Bastani (University of Texas-Dallas, USA), Topic: Standards for Internet of Things (IoT) Systems		
R1.49	11:20		(3) Service: Norihiro Suzuki and Shigetoshi Sameshima (Hitachi, Japan), Topic: Social Innovation for Society 5.0		
Lobby	12:15	Lunch			
R1.49 & R1.50	13:30	<b>ISADS Paper Presentations 3</b> Chair: Farokh B. Bastani, (University of Texas-Dallas, USA) Room 1.49	Georgios Stavrinos and Eleni Karatza, Scheduling Bag-of-Task-Chains in Distributed Systems+D39	<b>SASWIM-1 Presentations</b> General Chair: Tadashi Koga (ENRI, Japan) Room 1.50	Kyungsik Choi, Sehwan Han, Taeyoung Shin and Jiseok Kang, A Study on SWIM Based Flight Information Sharing Infrastructure in Korea
R1.49 & R1.50	13:50		Lourdes Martinez-Villaseñor and Hiram Ponce, Analysis of Contextual Sensors for Fall Detection		Carlos Morales and Serafin Moral, Flight Trajectory Clustering: a framework that uses Planned Route data
R1.49 & R1.50	14:10		Gennaro De Luca and Yinong Chen, Semantic Analysis of Concurrent Computing in Decentralized IoT and Robotics Applications		Xiaodong Lu, Morioka, Koga and Sumiya, Collaborative Flight and Flow Information Exchange to Achieve Seamless Air Traffic Management Operation
R1.49 & R1.50	14:30		Rana Massoud, et al., Exploring Fuzzy Logic and Random Forest for Car Drivers' Fuel Consumption Estimation in IoT-Enabled Serious Games		Ming Qi, Haining Sun and Xiling Luo, Research and Comparison of Efficiency between Multicast-based and Traditional SWIM
Outdoors	14:50	Conference Photograph	All ISADS2019 visitors		
Lobby	15:10	Coffee Break			
R1.49 & R1.50	15:30	<b>ISADS Paper Presentations 4</b> Chair: Roberto González Ojeda (Universidad Panamericana, Mexico) Room 1.49	Hiro Nao Takahashi, Amjad Hussain Tumrani and Uzair Lakhani, Secure sharing for Cryptocurrency Wallet in Autonomous Decentralized Multi Layered Cache System	<b>SASWIM-2 Presentations</b> General Chair: Tadashi Koga (ENRI, Japan) Room 1.50	Dewan Abdullah, Hironao Takahashi and Uzair Lakhani, Domain Specific Ontology Enhancing Communication Accuracy in Airport Operation
R1.49 & R1.50	15:50		Carlos Perez-Leguizamo, et al., System Architecture and Data Allocation/Coordination Techn. of Autonomous Decentralized Database System for High Assurance		Kazuyuki Morioka, Naganawa, Lu, Miyazaki, Kohmura, Yonemoto and Sumiya, QoS validation tests for Aircraft Access to SWIM by Ground Taxiing Experiments
R1.49 & R1.50	16:10		Jorge Brieve, Ponce, Moya, et al., An Intelligent Human Fall Detection System Using a Vision-Based Strategy		-
	16:40	Walk to Museum	The social program is for all conference participants		
	17:15	Tour through Museum Speelklok			
	18:15	Walk to restaurant 'Paushuize'			
	18:30	ISADS2019 Banquet			
	22:00	End of Day 2			

## ISADS2019, Conference Day 3, Wednesday, April 10th, 2019

Entrance	08:40	Registration			
R1.49	09:00	<b>Forum C-1: Value</b> Moderator: Xiaodong Lu (ENRI, Japan)	Introduction, Xiaodong Lu		
R1.49	09:10		(1) Sharing: Eleni Karatza (Aristotle University of Thessaloniki, Greece), Topic: Scheduling Complex Real-time Applications in Cloud Environment with Shared Services and Resources		
Lobby	10:00	Coffee Break	Coffee Break		
R1.49	10:30	<b>Forum C-2: Value</b>	(2) Ecosystem: Takashi Kuniyoshi (East Japan Railway Company, Japan), Topic: Open Innovation in Railway System		
R1.49	11:20		(3) Autonomy: Jie Xu (University of Leeds, UK), Topic: Scalable Internet-of-Vehicles Services over Clouds		
Lobby	12:15	Lunch	Lunch		
R1.49	13:30	<b>Panel Discussion, 'Future Trends of ADS'</b> Chair: Yinong Chen (Arizona State Univ., USA)	Speaker: Kinji Mori (Waseda University, Japan)		
R1.49			Radu Popescu-Zeletin (Technical University of Berlin, Germany)		
R1.49			Farokh Bastani (University of Texas-Dallas, USA)		
R1.49	14:30	<b>ISADS Meeting</b>	All that are interested		
	15:30	Dutch Railroad Museum	The social program is for all conference participants 15:00-15:30: Transport to Railroad Museum 15:30: Coffee/tea 16:00: Guided Tour 17:00 Conference Closure Reception with drinks & bites		
	18:00	End of Conference			