

HUAWEI Helsinki Cloud Service Summit 2020

Event Catalogue

4th November 2020 | Security

AGENDA

GMT +02:00

10:30 - 10:35

Welcome

Kuan Eeik Tan, Head of Huawei Terminal Cloud Service Competence Center of Helsinki

10:35 - 10:45

Opening Speech

Wang Aimeng, President of Huawei Finland Research Center

10:45 - 11:45

POSEIDON: Privacy-Preserving Federated Neural Network Learning

Jean-Pierre Hubaux, Full Professor, Laboratory for Data Security at EPFL

11:45 - 12:45

Extraction of Complex DNN Models: Real Threat or Boogeyman?

N. Asokan, Adjunct professor of Aalto University, Professor and David R. Cheriton Chair in Software Systems at University of Waterloo

12:35 - 13:35

LUNCH BREAK

13:45 - 14:45

The Current State of Multi-Cloud Security Management

Muhammad Sukmana, PhD. Student and research assistant in Internet Technologies and Systems Chair of Prof. Christoph Meinel at Hasso Plattner Institute for Digital Engineering gGmbH, Potsdam, Germany

14:45 - 15:45

Privacy-preserving Protocols for Cloud Environment

Valteri Niemi, Professor, Department of Computer Science, University of Helsinki

15:45 - 15:55

COFFEE BREAK

15:55 - 16:55

A Real-Time Query Log Protection Method for Web Search Engines

Jordi Castellà-Roca, Head of Department of Computer Engineering and Mathematics (DEIM) at Universitat Rovira I Virgili (URV)

16:55 - 17:00

Closing Summary

Pekka Jappinen, Principle Scientist at Huawei Terminal Cloud Service Competence Center of Helsinki



HUAWEI Helsinki Cloud Service Summit 2020

5th November 2020 | Computer Vision

AGENDA

GMT +02:00

10:30 - 10:35 **Welcome**
Kuan Eeik Tan, Head of Huawei Terminal Cloud Service Competence Center of Helsinki

10:35 - 11:35 **The Security of Machine Learning**
Fabio Roli, Full Professor of Computer Science at the University of Cagliari, Italy, and Director of the Pattern Recognition and Applications laboratory

11:35 - 12:35 **Digital Human Creation: Deepfakes**
Theo Gevers, Professor of computer vision at the University of Amsterdam

12:35 - 13:35 LUNCH BREAK

13:35 - 14:35 **Computer vision - Past, Present and Future Challenges**
Joni-Kristian Kämäräinen, Professor of Signal Processing, Computing Sciences Department at Tampere University

14:35 - 15:35 **Coding and Rendering Optimized for Human Spatio-temporal Perception**
Rafal Mantiuk, Reader (Associate Professor) at the Department of Computer Science and Technology, University of Cambridge (UK)

15:35 - 15:45 COFFEE BREAK

15:45 - 16:45 **Visual Localization and Odometry for Mobile Devices and Machines**
Juho Kannala, Assistant Professor of Computer Vision at Aalto University

16:45 - 16:50 **Closing Summary**
Tinghuai Wang, Principle Scientist at Huawei Terminal Cloud Service Competence Center of Helsinki



HUAWEI Helsinki Cloud Service Summit 2020

6th November 2020 | Natural Language Processing

AGENDA

GMT +02:00

10:30 - 10:35 **Welcome**
Kuan Eeik Tan, Head of Huawei Terminal Cloud Service Competence Center of Helsinki

10:35 - 11:35 **Presentation title**
Mikko Kurimo,

11:35 - 12:35 **NLP in Adversarial Settings: Text Classification and Transformation**
Tommi Gröndahl, Doctoral Candidate, Department of Computer Science

12:35 - 13:35 LUNCH BREAK

13:35 - 14:35 **Presentation title**
Frank van Harmelen, Professor in Knowledge Representation & Reasoning in the Computer Science department (Faculty of Science) at the Vrije Universiteit Amsterdam.

14:35 - 15:35 **Referential Search**
Piek Vossen, full Professor of Computational Lexicology at the VU University Amsterdam, Head of the Computational Lexicology & Terminology Lab (CLTL) and co-founder and president of the Global WordNet Association (GWA).

15:35 - 15:45 COFFEE BREAK

15:45 - 16:45 **Conversations with Search Engines**
Maarten de Rijke, Professor of Artificial Intelligence and Information Retrieval at the University of Amsterdam/VP Personalization and Relevance and Senior Research Fellow at Ahold Delhaize

16:45 - 17:00 **Summit Close**
Adrian Flanagan, Principle Scientist at Huawei Terminal Cloud Service Competence Center of Helsinki

