



HELSINKI DRONE 2019 CONGRESS 1st of October

Conference room 201

Messukeskus Helsinki Expo
and Convention Centre

Hosted by
Cyberwatch Finland & WUAVF



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Aeronautics Group

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**Meet – Connect – Share – Learn –
Build Trust**

Network – Meet WUAVF European Chapters and Asian delegates

Benchmark – share experiences – create business opportunities – enhance cooperation

Finland's strengths – technological expertise, innovation and research combined with liberal regulations for testing UAV's

9:10 Opening speech by Mr. **AAPO CEDERBERG**, CEO, Cyberwatch Finland, Chairman of the Cyber Security Committee of World UAV Federation (WUAVF)

9:25 Keynote: Current Development Status and Prospects of China's UAV Industry, Mr. **JINCAI YANG**, Chairman of the WUAVF

10:05 Keynote: Drones in cyber security environment, Dr. **MARTTI LEHTO**, Professor, Cyber Security, Col G.S (ret.) Faculty of Information Technology, University of Jyväskylä, Adjunct professor in National Defence University, Air and Cyber warfare

10:35 Keynote: Aeronautics Group – Company Presentation Mr. **NIR WEISSER**, Aeronautics Ltd.

10:55 Cyber security risk management in aviation and drones, Mr. **TOMI SALMENPÄÄ**, Chief Adviser, Aviation Cybersecurity, Finnish Transport and Communications Agency Traficom Aviation (CAA Finland)

11:15 The Opening Ceremony of the UAV Finland Chapter, Mr. **PERTTI JALASVIRTA**, Cyberwatch Finland partner, President of Finland Chapter of World UAV Federation (WUAVF)

11:45 Mr. **ANTE GLIBOTA**, Vice President of European Academy of Sciences, Arts & Humanities (EASAL), International Consultant for World UAV Federation

12:15 - 13:15 LUNCH BREAK

13:15 The impact of EU legislation and national leeway Ms. **ELINA IMMONEN**, Director of Safety and Security Unit at the Finnish Ministry of Transport and Communications

13:35 Drone Tournament 2019, Mr. **MIKKO JÄRVILEHTO**, CEO, Ultrahack

13:55 Collaborative drone research and development to boost your business Mr. **HANNU KARVONEN**, Senior Scientist, Ecosystem Lead for Autonomous Systems, VTT Technical Research Centre of Finland

14:15 Michigan project, Mr. **KWON HEE-CHOON**, Vice Chairman of Korea Digital convergence agency, Visiting Professor of Hanyang Cyber University, Secretary General of National Agency of Cognitive Science

14:35 GOF U-space and the integration of drone and aircraft in the same airspace, Mr. **JONAS STJERNBERG**, SVP Robots.Expert, CEO BVdrone Oy, Chairman of RPAS Finland ry

14:55 – 15:25 BREAK

15:25 Data Rain drone swarming and secure connectivity platform Mr. **ARIMO KOIVISTO**, Chief Commercial Officer and partner, XXLSEC Oy

15:45 Drone's, DJI and security, Mr. **JAN LINDBERG**, CEO, Skydata Ltd.



2.10.2019

CYBER SECURITY NORDIC



2.10. 2019 HELSINKI DRONE SEMINAR

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Cyber Security Nordic 2nd of October

Politics of Cyber

9.15 – 9.45 Digital trade war - Speaker TBA soon

OR

9.00 – 9.10 Welcome! To do list –

TOP 5 lessons to learn, **KIMMO ROUSKU**

General Secretary, Population Registration Centre, Stage 2

9.45 – 10.30 Stuxnet and Beyond: Digital Weapons and the Future of Our Cities, **KIM ZETTER**

OR

9.10 – 9.50 It's GDPR-time – 495 days behind

Speaker TBA soon, Stage 2

10:30 BREAK

11.15 – 11.45 The Impact of Russian Politics on the Cyber World?

MARK GALEOTTI

Senior Associate Fellow at the Royal United Services Institute

2. DRONE DAY Themes: Drones & Smart City & Smart Mobility

13:30- 14:00 Networking coffee

14:00 Drones in Smart City - Case Tampere Hiedanranta,

Mr. **ANTTI PERTTULA**, PhD, Principal Lecturer,
Systems Engineering, Head of Aircraft Engineering Studies
Tampere University of Applied Sciences

14:20 Keynote: Aeronautics Group- Cyber By Design Drones

Mr. **NIR WEISSER**, Aeronautics Ltd.

14:30 Mr. **JUKKA HANNOLA**, Chief Adviser to DGCA

Chairman – Joint Authorities for Rulemaking on Unmanned
Systems (JARUS), The Transport and Communications Agency
Traficom

14:50 Smart City - Carbon Neutral Drone Solutions in

Southern Finland, Ms. **HEIDI HEINONEN**, Project Manager,
Forum Virium Helsinki

15:10 What we did last summer?! Mr. **STEPHEN SUTTON**,

CEO, The Fly-by Guys, Operations Manager at Fleetonomy.ai

15:30 Staying aware and mobile in digital world!,

Mr. **MARKUS RANNE**, Program Manager, Business Finland

15:50- 16:50 Helsinki Drone Tournament 2019

Mission; Hazardous Chemical by **MARKUS SINERVÄ & STEPHEN SUTTON**



3.10.2019

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3. DRONE DAY Themes: Drones & Forestry & Extreme Conditions & CIP

8:30- 9:00 Networking breakfast

9:00 Drone based remote sensing in forestry – State-of-the-art and future prospects Ms. **EIJA HONKAVAARA**, D.Sc. (Tech.), Research Manager, NLS National Land Survey of Finland

9:20 Keynote: Drones Usage in Civil Applications
Mr. **NIR WEISSER**, Aeronautics Ltd.

9:40 Use of drones in forest legislation enforcement - benefits and challenges, Mr. **LAURI HAATAJA**, Project Manager, Metsäkeskus

10:00 Far and back – drones to monitor atmosphere and environment, Ms. **ANNE HIRSIKKO**, Drone-borne atmospheric observations, Climate Change Research, Finnish Meteorological Institute

10:20 How can research help with your drone-related cybersecurity challenges, Mr. **JARNO SALONEN** Senior Scientist, VTT Technical Research Centre of Finland

10:40 Wuudis Service - Digitalizing Forestry by harnessing the power of Big-Data, Mr. **SEPPO HUURINAINEN**, CEO, Wuudis Solutions Ltd

11:00 Drones in CIP, Mr. **MATS FAGERSTRÖM**, Business Security Manager, Helen Oy, HSV Oy, HET Oy

11:20- 12:40 Helsinki Drone Tournament 2019
Mission; Extreme Conditions by **HANNU KARVONEN**, VTT Mission; Fly high and back, 4G drones by **ANTTI LIPASTI**, VERTICAL Hobby

12:40 The Finnish drone story continues, Mr. **PERTTI JALASVIRTA**, President of Finland Chapter of World UAV Federation (WUAVF)

Cyber Security Nordic 3rd of October

13.30 – 14.15 Keynote: Future of Cyber and Predictions for 2020, **RIK FERGUSON**

14.15 – 15.00 Keynote: Building the security operations center of tomorrow – better insights with compound detection, **DIANA KELLEY**, Cybersecurity Field CTO