



DRONES4SAFETY

at the European
Robotics Forum 2022 stand 27



EUROPEAN
ROBOTICS
FORUM



ERF2022
ROTTERDAM
28-30 JUNE

Rotterdam

30th June

08:30h – 09:50h

Maintenance and Inspection: Smart drone swarms for enhanced infrastructure inspection

Programme

08:30 – 08:40 10 MIN	Welcome, intro to the workshop EMAD EBEID (SDU UAS)
08:40 – 08:50 10 MIN	Drone Design for Autonomous Outdoor Powerline Operations NICOLAJ MALLE (SDU UAS)
08:50 – 09:00 10 MIN	Synthetic data in deep learning anomaly detection NICOLA LUMINARI (ALTEIA)
09:00 – 09:10 10 MIN	Coordinated Charging Schedules of UAV Fleets KASPAR DAVID HAGEMAN (AARHUS UNIVERSITY)
09:10 – 09:20 10 MIN	Cloud services for autonomous UAV inspection mission management LEA MATLEKOVIC (SDU IMADA)
09:20 – 09:30 10 MIN	Automated recharging of the drone battery using energy harvesting GERD VOM BÖGEL (FRAUNHOFER)
09:30 – 09:40 10 MIN	Value sensitive design DYLAN CAWTHORNE (SDU UAS)
09:40 – 09:50 10 MIN	Thank you, workshop closing EMAD EBEID (SDU UAS)

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