

AMSTERDAM
DRONE
 WEEK
 26-30
 NOVEMBER **2018**



PROGRAMME

ORGANISED BY



OFFICIAL HOST



HEADLINE SPONSORS



FOUNDING PARTNERS



POWERED BY



SUPPORTED BY



MEDIA PARTNERS



WORDS OF WELCOME

Dear visitor,

On behalf of RAI Amsterdam, EASA, and our partners, we are excited to welcome you to the first edition of Amsterdam Drone Week!

We are proud to host 18 different conferences and events including the EASA High Level Conference on Drones hosted by the Dutch Ministry of Infrastructure and Water Management.

During this week, we bring to you an extensive programme based on the themes of Smart Mobility, Technology & Solutions, and Regulations. Together with our partners and leading experts, we want to build networks,

We are really interested in your opinion on this first edition. Please fill in our online survey, which will be in your mailbox shortly after attending Amsterdam Drone Week.

And of course we hope to see you again from 2 – 6 December 2019 for the second edition of Amsterdam Drone Week.

connect worlds, and collaborate on building a new set of tools to better face disruption and change.

With visitors from more than 70 countries, representing regulatory bodies, end-users, manufacturers, technology companies, service providers, and educational institutions, Amsterdam Drone Week has become the hub and proud host of the international UAS community.

We wish you a very inspiring and successful visit!

Kind regards,



Patrick Ky
Executive Director EASA



Paul Riemens
CEO RAI Amsterdam

BOARD OF RECOMMENDATION



Tineke Bakker - van der Veen
Managing Director of Boeing Benelux & Nordics



Michiel van Dorst
CEO Air Traffic Control The Netherlands (LVNL)



Jan Hendrik Dronkers
Director General of Aviation and Maritime Affairs, Dutch Ministry of Infrastructure and Water Management



Thomas Enders
CEO AIRBUS



Massimo Garbini
CEO IDS



Anne Cor Groeneveld
Chairman of the Board JetSupport Group & Chairman Da Vinci Committee



Peter Hartman
Member of the Supervisory Board KPN (former CEO KLM)



Lieutenant General Jac Jansen
Chairman Supervisory Board Netherlands Aerospace Centre & Chairman Netherlands Aerospace Fund, Ret.



Jacques Kruse Brandao
Head of Political Affairs & Public Co-Creation, NXP



Patrick Ky
Executive Director of EASA



Lieutenant General Dennis Luyt
Commander of the Royal Netherlands Air Force



Ben Marcus
Co-founder & Chairman of AirMap



Pablo Mendes de Leon
Professor of Air and Space Law and Director IIASL at University of Leiden



Rob van Nieuwland
Chairman of DARPAS, The Dutch Association for professional use of RPAS



HH Prince Pieter-Christiaan van Oranje-Nassau



Robert Otto
Member of the Executive Board of Achmea



Michel Peters
Chief Executive Officer NLR



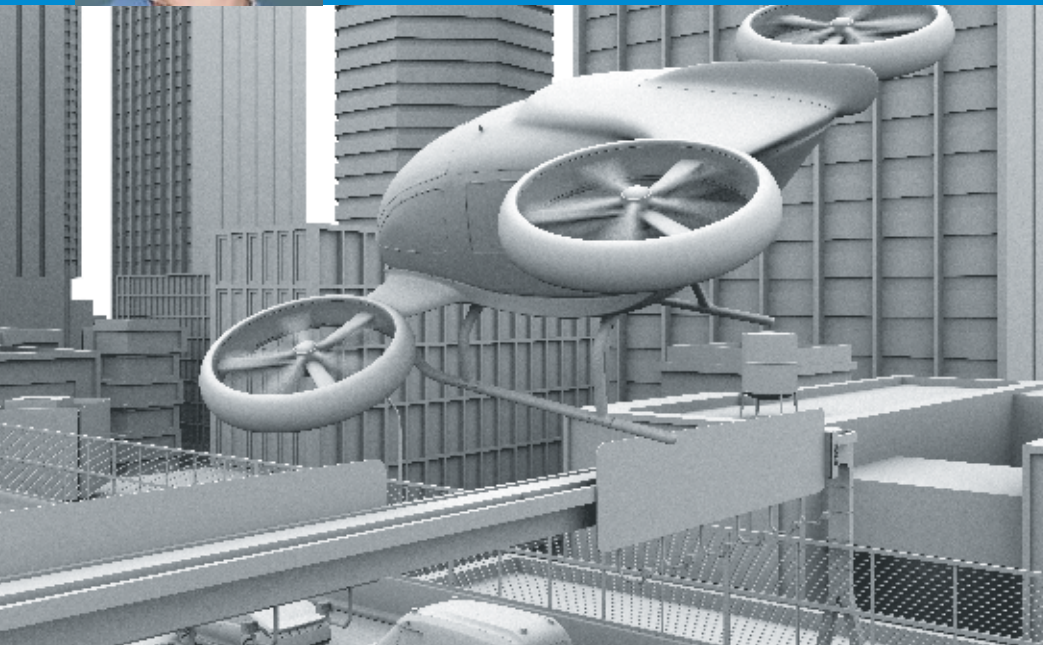
Jaiwon Shin
Associate Administrator for ARMD, NASA



Henri Werij
Dean of the Faculty of Aerospace Engineering (AE), Delft University



Amsterdam Drone Week is proud to have **Cora van Nieuwenhuizen**, Dutch Minister of Infrastructure and Water Management, as its Ambassador.



Themes

- Technology & Solutions
- Smart Mobility
- Regulations

Programme

- Mobility as a Service
- Integrated Infrastructure
- How to build a MaaS

Accessibility [Acc.]

- FA = Free Access
- IO = Invitation only
- AR = Additional Registration
- CS = Closed session
- OP = Open to the public
- DuP = Dutch programme

Location [Loc.]

DA = Drone Arena | ST = Solutions Theatre | EL = Elicium | FT = Forum Theatre | PoA = Port of Amsterdam | PdZ = Pakhuis de Zwijger

Time	Session	Speaker[s]	Subjects	Loc.	Acc.
09:00 - 10:15	Grand Opening: The Future Starts Here!	Moderated by Boris Veldhuijzen van Zanten (The Next Web)	Violeta Bulc (Commissioner of Transport, European Commission), Cora van Nieuwenhuizen (Dutch Minister of Infrastructure and Water Management), Eric Allison (Head of Uber Aviation), Patrick Ky (Executive Director of EASA) Paul Riemens (CED RAI Amsterdam)	DA	FA
10:30 - 17:15	EASA High Level Conference on Drones		Hosted by the Dutch Ministry of Infrastructure and Water Management, this annual EASA meeting brings together regulatory bodies and industry experts from all around the world to explore and discuss topics related to the development of a common European market for drones.	EL (Ballroom)	IO
10:30 - 11:00	Seismic Acquisition Takes Flight	Bruno Pagliccia (Total)		ST	FA
11:00 - 11:30	FormulaFPV Drone Racing	Live demo	World Series Drone racers compete! With Erick Carratala (11 years, Spain), Min Chan Kim (14 years, South Korea), and more.	DA	FA
11:00 - 13:00	Mobility as a Service - Workshop	Moderated by Patrick van der Pijl (Business Model Inc)	Drone Ideation Hub – a dialog format that brings together a highly diverse group of people to envision how the future of mobility could look like.	EL (D201)	IO
11:30 - 13:00	Inspections and Maintenance	Jacob Groote (KPN), Eugène Tuijnman (SLTN ITProducts), Goziëm Frijmersum (Tata Steel), Renze van Houten (Waternet)	Are drones the future for inspection and maintenance operations? What are the benefits and opportunities? What needs to be done to get started?	FT	FA
11:30 - 13:00	Connekt Roundtable on Drones	Moderated by Nico Anten (Connekt)		ST	IO
13:00 - 13:30	Airbus Urban Air Mobility	Live demo		DA	FA
13:30 - 14:00	Flying High: Shaping the Future of Drones in UK Cities	Kathy Nothstine (Nesta)	Engagement of five city-regions to explore the potential of drones in cities.	ST	FA
13:30 - 13:55	The Future of Urban Air Mobility	Eduardo Dominguez Puerta (Airbus)	Seamless transit from cars to flying cars, to trains.	FT	FA
13:55 - 14:15	The New Age of Drone Industry	Massimo Garbini (IDS)	Technological solutions, developments and aviation challenges.	FT	FA
14:00 - 14:30	Strategic Approach to Drones	Henk Hesselink (Netherlands Aerospace Centre (NLR))		ST	FA
14:00 - 17:30	Excursion: Potential of Drones in Ports and Maritime Business	Port of Amsterdam, SGS, Skeye, DroneAddicts, Dutch Drone Company	The potential of drones in ports and maritime business.	PoA	DuP
14:15 - 14:40	The New Role of Airports	Christiaan Hen (Royal Schiphol Group)	What does Mobility as a Service mean for international airports?	FT	FA
14:40 - 15:00	Collaboration, Regulation and Innovation: The Keys to Unlocking the Future of Mobility	Steve Nordlund (Boeing NeXT)	We need to work on the ecosystem together: ATM, regulations, and certification.	FT	FA
15:00 - 15:30	FormulaFPV Drone Racing	Live demo	World Series Drone racers compete! With Erick Carratala (11 years, Spain), Min Chan Kim (14 years, South Korea), and more.	DA	FA
15:30 - 16:00	Building a Technology Platform for all Forms of Transportation	Eric Allison (Uber Aviation), Michael Thacker (Bell)	Why will on-demand mobility make cities smarter, better, and more efficient?	FT	FA
15:30 - 16:00	The Realities of Drone Delivery	Miriam McNabb (Dronelife.com)		ST	FA
16:00 - 17:00	Empowering Refugees to Become Digital Drone Storytellers	Gail Orenstein (Photo and Drones Journalist)	Working with young people to introduce them on the transformative potential of drones.	ST	FA
16:00 - 17:00	How can we achieve Mobility as a Service?	Roundtable moderated by Patrick van der Pijl (Business Model Inc)	What are the necessary steps in building the right framework? What if municipalities can monetise their airspace? Panellists: James Burgess (Wing, GoogleX), Koen de Vos (EU Commission), Michiel van Dorst (Air Traffic Control, The Netherlands), Antonio J. Oliver Balsalobre (Vodafone Group)	FT	FA
17:00 - 18:00	Closing & Networking			ST	FA
17:15 - 17:45	FormulaFPV Drone Racing	Live demo	World Series Drone racers compete! With Erick Carratala (11 years, Spain), Min Chan Kim (14 years, South Korea), and more.	DA	FA
20:00 - 22:00	Public Debate: Future Travels Now			PdZ	OP

Time	Session	Speaker[s]	Subjects	Loc.	Acc.
09:00 - 13:00	EASA High Level Conference on Drones		The Declaration of Amsterdam will be presented during this programme.	EL (Ballroom)	IO
09:00 - 17:30	The 6 th Unmanned Cargo Aircraft Conference	Hosted by Jakajima	Internationally renowned speakers will introduce UCA development projects and potential applications.	EL (D204)	AR
09:00 - 12:30	The 1 st UIC ² Forum (Part 1): Urban Air Mobility Initiative (EIP-SCC)	With: Vassilis Agouridas (UAM-EIP-SCC/Airbus), Kathy Nothstine (NESTA UK), Maria Kamargiani (ULC MaaS Lab), Jeroen Bartelse (Achmea), Jacob Groote (KPN), Christof Hellmis (HERE) and the UAM Initiative Frontrunner Cities / Regions.	Putting urban mobility into the 3rd dimension: Smart City Perspectives What are the benefits UAM can bring to cities? The importance of public and social acceptance, regulatory framework and legislation.	FT	FA
10:00 - 14:00	ICARES Partner Meeting	Closed session for partners		EL (D406)	IO
10:00 - 16:00	Congres Drones in het Publieke Domein	Hosted by SBO	Unmanned aircrafts have many current professional applications, from the inspection of buildings to monitoring events and identifying flood risks.	EL (D201)	AR + DuP
10:30 - 11:00	A Single Piloted Aircraft: A First Step?	Pascal Traverse (Airbus)	Working towards a world of self-piloted air travel. Are autonomous technologies safer, more efficient, and eco-friendly?	ST	FA
11:00 - 11:30	Airbus Urban Air Mobility	Live Demo		DA	FA
11:30 - 12:00	Overview of the Commercial UAS Industry	Jeremiah Karpowicz (Diversified Communications/ Commercial UAV Expo)	Overview of the commercial UAS development in different industries.	ST	FA
12:00 - 13:00	The Future of News	Gail Orenstein (Photo and Drones Journalist)	Drones and the future of news in a more dangerous world of fake news and climate change.	ST	FA
13:00 - 13:30	FormulaFPV Drone Racing	Live demo	World Series Drone racers compete! With Erick Carratala (11 years, Spain), Min Chan Kim (14 years, South Korea), and more.	DA	FA
13:30 - 13:50	Integrated Traffic Control through Service-Oriented Architecture	David Hose (AirMap)	Drones present unique challenges in scale and complexity that test the capabilities of traditional ATM. UTM blends high-scale technologies with traditional ATM methodology to drive safety, efficiency, and cost savings across the industry.	FT	FA
13:50 - 14:10	Safe and Seamless Integration of Manned and Unmanned Airplanes	Collin Beers (Netherlands Aerospace Centre (NLR))	The importance of technologies.	FT	FA
14:00 - 16:00	Drone Alliance Europe: Preparing for Take-Off	With Jacob Groote (KPN), Christoph Raab (Drone Alliance Europe), and more	Panel discussion about the implementation of regulations featuring insights from leading EU, Member States, and industry stakeholders.	ST	FA
14:00 - 18:30	The 1 st UIC ² Forum (Part 2): Preparing for the UAM Initiative mobility demonstrators (EIP-SCC)	Closed Session		EL (D202)	CS
14:10 - 14:30	Network Connected Drones: The Role of 5G	Antonio J. Oliver Balsalobre (Vodafone Group)	Vodafone is offering their mobile network infrastructure to identify, monitor, control and geo-locate drones. New challenges and opportunities are opened with the arrival of 5G networks.	FT	FA
14:30 - 15:00	Safety Rules and Regulations	Representative of Boeing		FT	FA
14:30 - 15:30	BVL0S	Organised by the Ministry of Infrastructure and Water Management and the Royal Dutch Touring Club ANWB Medical Air Assistance Division	Programme in Dutch	EL (Ballroom)	FA
15:00 - 15:30	FormulaFPV Drone Racing	Live demo		DA	FA
15:30 - 16:00	Urban Air Taxis are already here!	Jan-Hendrik Boelens (Volocopter)	Integrating taxis in integrating systems. Volocopter wants to provide an additional mobility solution for up to 10K passengers per day.	FT	FA
16:00 - 17:00	Essential Technologies for Integrated Air Traffic Management	Moderated by Sebastian Babiarz (AirMap), with Robert Fraefel (Skyguide), Dr. Manuela Sauer (Aurora Boeing Company), Hans Bos (Microsoft), Jacob Groote (KPN)	The delivery of air traffic management services to unmanned aircraft should be an open and competitive environment with many service providers to meet a variety of drone needs.	FT	FA
17:00 - 17:30	FormulaFPV Drone Racing	Live demo	World Series Drone racers compete! With Erick Carratala (11 years, Spain), Min Chan Kim (14 years, South Korea), and more.	DA	FA
17:00 - 18:00	Closing & Networking			ST	FA

Themes

- Technology & Solutions
- Smart Mobility
- Regulations

Programme

- Mobility as a Service
- Integrated Infrastructure
- How to build a MaaS

Accessibility (Acc.)

- FA = Free Access
- IO = Invitation only
- AR = Additional Registration
- CS = Closed session
- OP = Open to the public
- DuP = Dutch programme

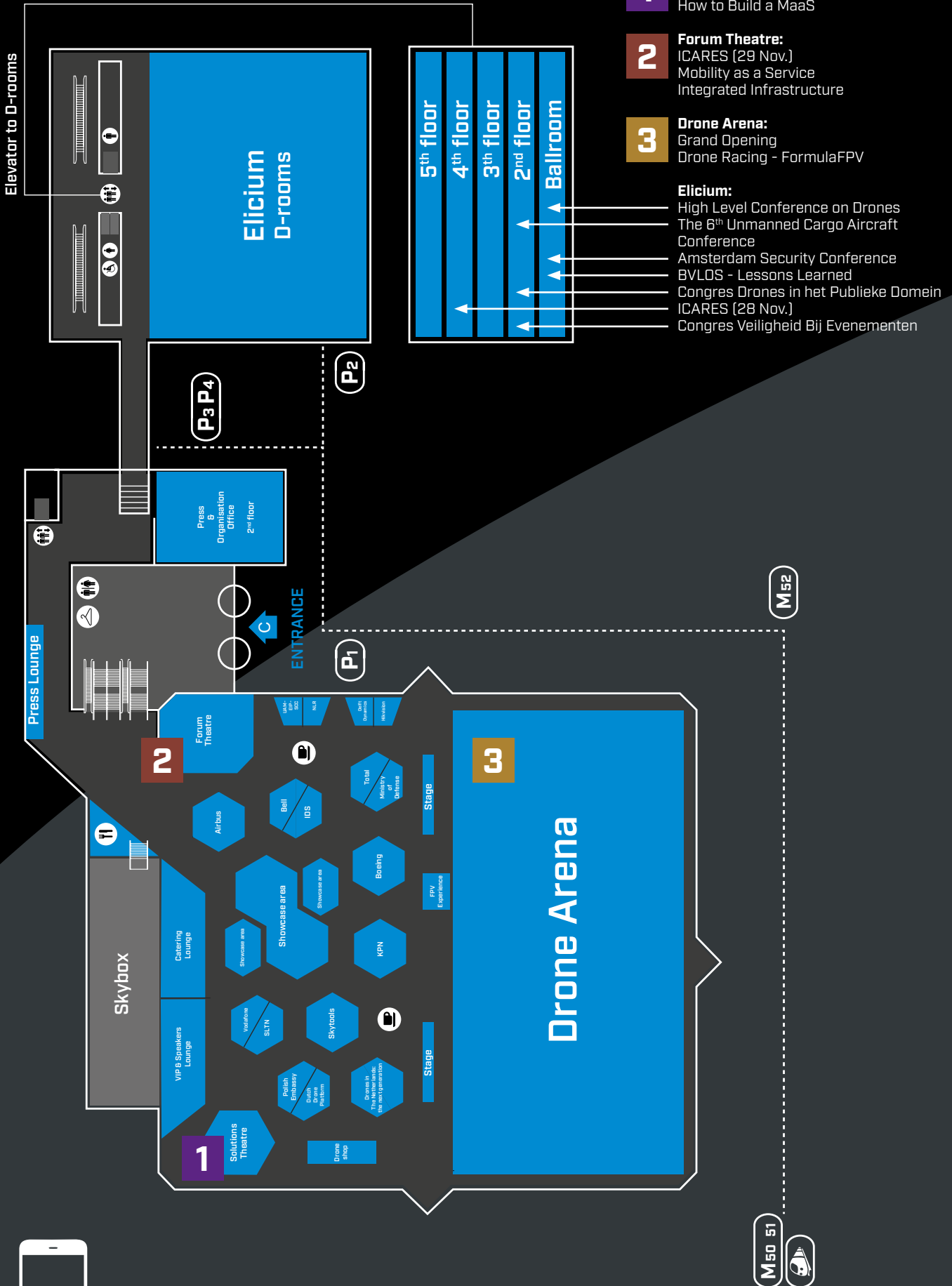
Location (Loc.)

DA = Drone Arena | ST = Solutions Theatre | EL = Elicium | FT = Forum Theatre | PoA = Port of Amsterdam | PdZ = Pakhuis de Zwijger

Time	Session	Speaker(s)	Subjects	Loc.	Acc.
10:00 - 15:00	ICARES - Standing Strong Together			FT	FA
10:00 - 17:00	Conference on Event Safety and Security			EL (D201)	AR + DuP
10:00 - 10:30	Project Wing: Platform for Drones	James Burgess (Wing, Google X)		ST	FA
10:30 - 11:00	Innovating for the Future	Tineke Bakker - van der Veen (Boeing Benelux & Nordics)		ST	FA
11:00 - 11:30	Airbus Urban Air Mobility Demo	Live Demo		DA	FA
11:10 - 11:30	Integrated Security Concept for Drone Operations (SECOPS)	Rene Wieggers (Netherlands Aerospace Centre (NLR))	Development of a safe and secure (drone) traffic management system.	ST	FA
11:30 - 12:00	How to Cyber-Secure MaaS?	Representative of KPN		ST	FA
12:00 - 12:30	Building a MaaS	Moderated by Patrick van der Pijl (Business Model Inc.), with Scott Drennan (Bell), Jörg Müller (Airbus)	What are the necessary bricks to build a MaaS?	ST	FA
12:30 - 14:00	How to Build a Drone Service Platform - Workshop	Moderated by Patrick van der Pijl (Business Model Inc) in collaboration with Peter Cobelens (Major General, Ret.)	Drone Ideation Hub - a dialog format that brings together a highly diverse group of people to envision how the future of mobility could look like.	EL (D201)	IO
13:30 - 17:00	Amsterdam Security Conference - A Cyber Physical Future	Klaas Litjens (Van Aetsveld), Carlo van der Weijer (Eindhoven University of Technology), Frank van der Linden (Ministry of Security and Justice), Tinus Kanters (Living Lab)	During this conference, top safety and security professional discuss the opportunities and threats of the digital transformation. AI, Smart Security Solutions, Cyber Security Issues and of course the use of drones are tackled during this meeting.	EL (Ballroom)	AR + DuP
14:00 - 14:30	FormulaFPV Drone Racing	Live demo	World Series Drone racers compete! With Erick Carratala (11 years, Spain), Min Chan Kim (14 years, South Korea), and more.	DA	FA
14:30 - 15:00	Overview of the Drone Industry	Hendrik Bödecker (Drone Industry Insights)	Developments, rules, and future perspectives of the Drone Industry.	FT	FA
15:00 - 15:30	FormulaFPV Drone Racing	Live demo	World Series Drone racers compete! With Erick Carratala (11 years, Spain), Min Chan Kim (14 years, South Korea), and more.	DA	FA
15:00 - 16:00	Closing & Networking			ST	FA



FLOORPLAN



1 Solutions Theatre:
Drone Alliance Europe
How to Build a MaaS

2 Forum Theatre:
ICARES (29 Nov.)
Mobility as a Service
Integrated Infrastructure

3 Drone Arena:
Grand Opening
Drone Racing - FormulaFPV

Elicium:
High Level Conference on Drones
The 6th Unmanned Cargo Aircraft Conference
Amsterdam Security Conference
BVLOS - Lessons Learned
Congres Drones in het Publieke Domein
ICARES (28 Nov.)
Congres Veiligheid Bij Evenementen



Download our app
Amsterdam Drone Week

Follow us on social media
#AMSdroneweek

