

# Programme at a glance

## 1<sup>st</sup> FAI International Drones Conference and Expo

**Friday, 01 September 2017**

Time	Slot	Topic	Description
14:00-14:30			<b>Welcome Speeches and Introduction</b>
14.00-14.10	10 min	Welcome	Mr. Frits Brink, FAI President
14.10-14.30	20 min	Opening Session	<b>Taking flight: The Swiss Drone Industry</b> Mr. Simon Johnson, EPFL InnovationPark
14:30-16:15			<b>Theme 1: Drones and Innovation</b>
			<b>Benefits for Drones in Society – Part 1</b>
14.30-14.50	20 min	Keynote presentation	<b>eVTOL for urban transportation</b> Dr. John Langford, CEO Aurora Flight Sciences and President AIAA
14.50-15.00	10 min	Presentation	<b>Collection and Analysis of geospatial data</b> Mr Jean-Thomas Celette, CSO senseFly
15.00-15.10	10 min	Presentation	<b>Transport of samples in cities</b> Mr. Janick Mischler, Programme Manager Autonomous delivery, Swiss Post
15.10-15.20	10 min	Presentation	<b>Humanitarian Needs</b> Ms. Sonja Betschart, Co-Founder, Werobotics
15.20-15.30	10 min	Presentation	<b>Public Safety</b> Mr. Thomas Sylvest, Watch Commander & Head of UAS/RPAS Operations, Copenhagen Fire Department
15.30-15.40	10 min	Presentation	<b>Searching for people and protecting wildlife with Drones</b> Mr. Reto Buettner, Senior Consultant, SVZD
15.40-16.15	35 min	Discussion with Q&A	All Speakers from 1 <sup>st</sup> session
16:15-16:45	30 min	Coffee break	Expo & Networking
			<b>Benefits for Drones in Society – Part 2</b>
16.45-17.05	20 min	Keynote presentation	<b>Agriculture</b> Mr. Wayne Lording, Institute for Drone Technology, Australia
17.05-17.15	10 min	Presentation	<b>Synergy of Civil Drones and EOS Platform for improving Earth Observation</b> Mr. Vladimir Vasiliev, Noosphere Ventures USA/Ukraine
17.15-17.25	10 min	Presentation	<b>Flying Robots</b> Prof. Dario Floreano, Head of NCCR Robotics
17.25-17.35	10 min	Presentation	<b>LH Aerial services and monitoring systems for Drones</b> Mr. Ulrich Hoffmann, Manager Corporate Product Development, Lufthansa Technik
17.35-17.45	10 min	Presentation	<b>Professional drone mapping and accident investigation</b> Mr. Lorenzo Martelletti, Sales and Marketing Director Pix4D, Lausanne
17.45-18.15	30 min	Discussion with Q&A	All speakers from 2nd session
18.15-18.45	30 min	Keynote speech	<b>How many drones will there be in our lives in 10 years' time?</b> Mr. Alain Siebert, Chief Economist & Master Planning, SESAR Joint Undertaking
19:00-21:00	120 min		Welcome Reception hosted by Canton de Vaud, DEV/SPECo

## Saturday, 2 September 2017

08:45-09:00		Welcome	Most important messages from the 1 <sup>st</sup> day, introduction to the 2 <sup>nd</sup> day
			<b>Theme 1: Drones and Innovation</b>
9.00-9.30	30 min	Keynote Speech	<b>How the development of Drones changed our view on the world</b> Mr. Christian Struwe, Head of European Public Policy Europe, DJI
			<b>Theme 2: Drones and Safety</b>
9.30-9.50	20 min	Introduction	<b>Drones and Safety – two sides of the coin</b> Mr. Lorenzo Murzilli, Manager Innovation and Advanced Technologies, Federal Office of Civil Aviation - FOCA
9.50-10.10	20 min	Presentation	<b>How the growing number of Drones in the sky drives the development of technology. An overview of the latest UAS Traffic Management Systems for commercial use of Drones (tracking/sense&amp;avoid/use of mobile communication networks etc.)</b> Mr. Benoit Curdy, Secretary General, Global UTM Association (GUTMA)
10.10-10.30	20 min	Presentation of exemplary projects	<b>Remote identification, mixed-traffic detection and collision avoidance</b> Mr. Andrea Schlapbach, Co-Founder FLARM
10:30-11:00		Coffee break	Expo & Networking
11.00-11.20	20 min	Presentation of exemplary projects	<b>Small radar on Drones</b> Mr. Tim Dawson-Townsend, Managing Director, Aurora Swiss Aerospace
11.20-11.40	20 min	Presentation	<b>The key dangers of Drones for air transport and public space</b> Mr. Florent Béron, Corporate Strategy Expert, Skyguide
11.40-12.00	20 min	Presentation	<b>Detection and defence of dangerous UAS: Strategies of Police Authorities</b> Lt. Col. Peter Brander, Chef Etat-Major EMCC
12.00-12.20	20 min	Presentation	<b>Safety in Drone Racing Events</b> Mr. Laurent Khong, Drone Racing Event Organiser
12:20-13:45	85 min	Lunch	Expo & Networking
13.45-14.10	25 min	Presentation	<b>Common regulations for the European Sky</b> Mr. Yves Morier, Principal Advisor to the Certification Director - New technologies EASA - European Aviation Safety Agency
14.10-15.00	50 min	Discussion round	<b>Role models for the safe use of Drones</b> <ul style="list-style-type: none"> <li>• <b>Common regulations in Europe</b> (Mr. Yves Morier, EASA)</li> <li>• <b>SafeDrone Initiative Lufthansa</b> (Mr. Ulrich Hoffmann, Manger Corporate Product Development, Lufthansa Technik)</li> <li>• <b>Education programs for Aeromodelling in National Air Sport Federations and the value of the FAI Common Strategy for Drones</b> (Mr. Antonis Papadopoulos, FAI CIAM President)</li> <li>• <b>Co-operation between authorities and Aeromodelling organizations: example Australia</b> (Mr. Neil Tank, MAAA President)</li> <li>• <b>Co-operation between authorities and Aeromodelling organizations: example USA</b> (Mr. Rich Hanson, President Academy of Model Aeronautics)</li> </ul>

			<b>Theme 3: Drones and Sports</b>
15.00-15.30	30min	Presentation	<b>Drones Sports – what the future already looks like</b> Mr. Douglas Burnet, Mr Jason Winter, Aerial Sports League (USA)
15:30-16:00	30 min	Coffee Break	Expo & Networking
16.00-16.15	15 min	Presentation	<b>Drone Racing - a High Technology and E-Sport</b> Mr. Anthony Cake, Co-founder ImmersionRC and involved in the Liftoff FPV Racing Simulator
16.25-16.45	20 min	Interview	<b>Ambitions of a Drone Racing pilot in a new sporting environment</b> Mr. Vincent Delcommene, Best Drone Racing Pilot 2016 (FAI World Cup winner 2016)
16.45-17.05	20 min	Presentation	<b>How to govern emerging new sports: Example Basketball 3x3</b> Mr. Alex Sanchez, Managing Director FIBA 3x3
17.10-17.30	20 min	Presentation	<b>Drone Racing Events reaching out to the public – CoptersRace Ukraine</b> Mr. Mikhail Ryabokon, Noosphere
17.30-18.30	60 min	Discussion round with Q&A	<b>Drone Racing as a new sports: how to secure healthy and sustainable growth from grassroots to global level</b> <ul style="list-style-type: none"> <li>• Mr. Anthony Cake , ImmersionRC/Liftoff FPV Racing Simulator</li> <li>• Mr. Vinzenz Kögler, President, Swiss E-Sports Association</li> <li>• Mr. Rich Hanson, President Academy of Model Aeronautics (USA)</li> <li>• Mr. Neil Tank, President MAAA (Australia)</li> <li>• Mr. Bruno Delor, FAI FPV Racing Subcommittee Chairman and 1st CIAM Vice-president</li> <li>• Mr. Vincent Delcommene, Best Drone Racing Pilot 2016</li> </ul>
18.30-18.55	25 min	Presentation	<b>From small to large – the Freedom 500 class and FDS Giant Drones</b> Mr. Grantley Reed, Freedom Drone Sports (Australia)
18.55-19.00	5 min	Closing Remarks	Susanne Schödel, FAI Secretary General
19.30 – 22.30	tbc	Dinner	<b>Drone Conference dinner</b>