



DRONE SOLUTIONS FOR BETTER DECISIONS

a day with senseFly

11 April 2018

at International Center
for Biosaline Agriculture (ICBA)
Dubai, UAE

Organized by:



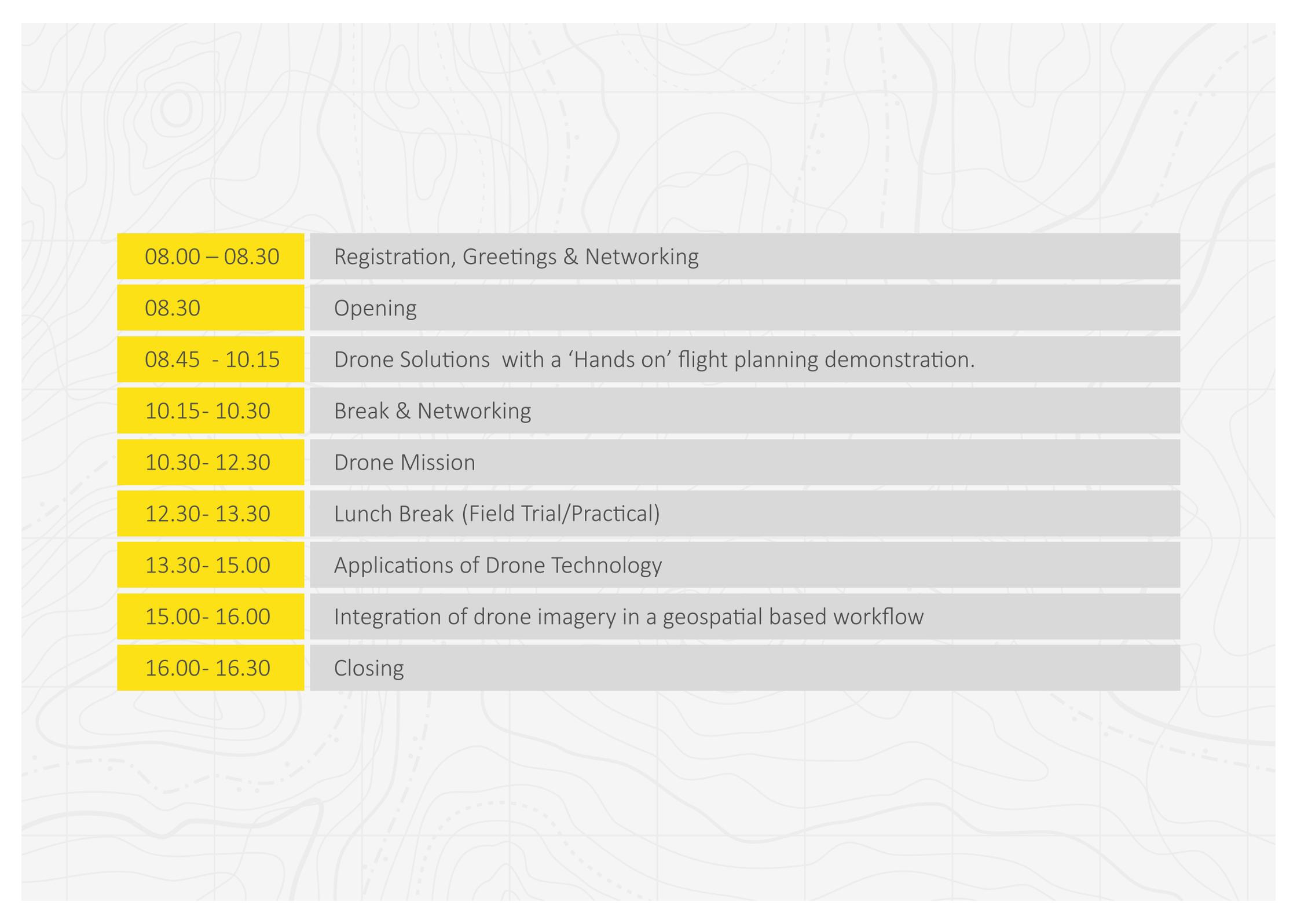


DRONE SOLUTIONS FOR BETTER DECISIONS: a day with senseFly

Organizers believe in using technology to make work safer and more efficient. This workshop will showcase how the proven senseFly drone technology and solutions are used to simplify the collection and analysis of geospatial data, allowing professionals in surveying & mapping, mining, quarries & aggregates, engineering & construction, agriculture, environmental protection, humanitarian to make better decisions, faster and reliable. During this one day event, our distinguished speakers will expose the scientific, technological and project management fundamentals to successfully benefit from the innovative technology of drones. Furthermore, Falcon Eye Drones will involve all participants in a real drone's field mission to collect valuable data over the 100 hectares experimental farm at ICBA (Dubai).

Outcomes (for Participants):

- To get an advance glimpse of all theoretical and practical aspects related to a real drone's mission.
- To acquire a deep insights of applications of drone technology using senseFly platforms and sensors.
- To understand basics for a successful integration of drone imagery in a geospatial based workflow
- To build a robust network with other participants, researchers and industrial leaders from around the world.



08.00 – 08.30	Registration, Greetings & Networking
08.30	Opening
08.45 - 10.15	Drone Solutions with a 'Hands on' flight planning demonstration.
10.15- 10.30	Break & Networking
10.30- 12.30	Drone Mission
12.30- 13.30	Lunch Break (Field Trial/Practical)
13.30- 15.00	Applications of Drone Technology
15.00- 16.00	Integration of drone imagery in a geospatial based workflow
16.00- 16.30	Closing

Speakers / Instructors:

Francois Gervais, A qualified Geomatics Engineer, Francois has worked for Leica Geosystems, specialising in airborne sensors, LiDAR, GPS and inertial units, and as a professor at the Technical University for Applied Sciences Western Switzerland (HES-SO), where he was in charge of photogrammetry and geospatial imagery. In 2010, Francois launched project R-Pod, Photogrammetry on Demand (www.r-pod.ch), using senseFly drones and Pix4D software for R&D and to provide teaching materials. Then, in 2012, he founded Easy2map (www.easy2map.ch), a drone-based photogrammetry service provider that is active across Switzerland and overseas. Francois joined senseFly in February 2016. He was also President of the Swiss Society of Photogrammetry and Remote Sensing (www.sgpf.ch) for five years.

Christopher Thomson, a Regional Sales Manager EMEI- senseFly.

Mr. Rabih Bou Rashid, is an entrepreneur with an eye for technology, he founded Falcon Eye Drones (FEDS) in 2014 the First remote sensing company using drones only in the Middle East. Trained in Germany and France in the fields of drone piloting and photogrammetry. After 3 years of regional experience a very good and up to date knowledge with all the regional laws governing the use of drones. Mr Rabih successfully ran FEDs for the last 3 years into an international standard regional drone service company.

Mr. Ting Wen Ong is an Aeronautical Engineer working with UAVs since 2009. His experiences are focused on UAV flight testing, operation, flight planning & mapping, and UAV photogrammetry.

Mr. Nikin James is an Aeronautical Engineer, with over 7 years of experience in the UAV industry. A professional certified UAV pilot and an Engineer with years of experience in flying advanced fixed wing and multirotor UAVs for Remote sensing and aerial filming.

Dr. Ali Elbattay got his PhD (Environmental SAR specialization) in 2006 and a Master (Optical Remote Sensing specialization) from INRS-ete (Canada). He joined Remote Sensing Department at the Faculty of Geoinformation Science and Engineering at Universiti Teknologi Malaysia in 2007 as researcher then senior lecturer, he was also a fellow of the Institute of Geospatial Science and Tehcnology (INSTeG). In 2011, Dr. Ali joined Arabian Gulf University (Bahrain) as Assistant Professor (Remote Sensing and Geoinformatics) at Department of Geoinformatics at the College of Graduate Studies. He was the coordinator of the GIS and Remote Sensing M.Sc Programme during 2015-2016. His research interests are in Theoretical aspects of Proactive Remote Sensing, Remote Sensing environmental applications, and Development of Geoinformatics Applications. Dr. Ali has more than 40 publications in the field and has won many international awards for best paper 4th IGGC 2015 best team for spatially enabled mobile application GISWORX'2014. Actually, He is the project leader of Drone's Capacity Building project at Arabian Gulf University.

Venue: International Center for Biosaline Agriculture (ICBA) Dubai, UA



Organized by:

