BCDC (Belgian Civil Drone Council) and ID2MOVE have the pleasure to invite you to the Workshop Event:

C-UAV: FROM THE PROBLEMS TO THE SOLUTIONS

25-26 June 2021
Nivelles, Belgium
We have the pleasure to invite interested parties* (academic, private and public sector) to the workshop.

**Counter-UAV technology**, also known as counter-UAS, C-UAS, or counter-drone technology, refers to systems that are used to detect and/or neutralize unmanned aircraft. As concerns grow around the potential security threats drones may create to both civilian and military interests, a new market for counter-drone technology is rapidly emerging and brings a wide range of practical, legal, and policy challenges in all operating environments.

These two days of workshop will offer the opportunity to participate to keynotes, short talks and open debates, networking and demonstrations with main Belgian companies and research groups active in C-UAV, discover innovative research and start-up projects.
The Belgian Civil Drone Council is an advisory body dedicated to the development and promotion of the Belgian professional drone sector while ensuring a high level of safety. It brings together public entities (Belgian Civil Aviation Authority, Skeyes, Defense, federal and local police, FPS Economy, SPW...), private organizations (Belgian Drone Federation, EUKA, Skywin, Agoria...) as well as drone manufacturers, drone operators and remote pilots to discuss on technological, operational and regulatory topics. Depending on the outcome of those discussions, the BCDC can issue recommendations or proposals to public authorities or directly to the drone sector.

ID2Move is a collaborative transdisciplinary project located in Nivelles and initiated by InBW (Intercommunale Brabant Wallon) and ULB (Université Libre de Bruxelles). The project aims at creating a Centre of Excellence for Innovative projects from Startups/Spinoff/Small and Large Companies in the field of Autonomous Systems with the most diversified test zone in Europe. Launched in mid-2019, the ambition is to become a reference in the Walloon Region and beyond. The project will focus on payload with added-value applications, while keeping a strong interest in the carrier (UAV, Airships, Autonomous Cars UGV, Underwater Drones USV, etc.) and the regulatory and societal impacts.
INFO & REGISTRATION

Thank you for confirming your attendance before Thursday 10/06/2021 to Mrs Shirley Wayne (shirley-joelle.wayne@ulb.be / +32 2 650 26 73)

Participation fee

121 euros including taxes (invoice will be sent by the ULB)

Exhibition and sponsoring possibility

Get in touch with Patrick Mascart to discuss your options

Contacts and information

Prof. Patrick Hendrick – ULB : Patrick.Hendrick@ulb.ac.be
Prof. Alexandre Papy - ERM : Alexandre.Papy@dymasec.be
Patrick Mascart - ID2Move : Patrick.Mascart@id2move.eu

*The organizers reserve the right to refuse registrations to the event for non-EU or non-NATO participants.
### PRELIMINARY PROGRAMME

**09:00** 20’ **Registration and Welcome Coffee**

**09:20** 20’ **Welcome words & Presentation of BCDC**
Mr Kris Clarysse, Chairman of the Belgian Civil Drone Council

**09:40** 20’ **Welcome and Plenary Session Introduction**
Prof. Alexandre Papy Dr Ir, Dept. of Weapons Systems and Ballistics, Royal Military Academy, Brussels, Belgium

**10:00** 30’ **Keynote Speech**
Dr. Claudio Palestini, Counter Terrorism Section Emerging Security Challenges Division (ESCD)

**10:30** 30’ **The C-UAS program, policy and support to member states**
Mr Lars Huybrechts and Mr Christer Brown, DG Home - European Commission

**11:00** 30’ **How does the Federal Police manages small UAVs in Belgium?**
Mr Kris Verlaenen – Belgian Federal Police. (TBC)

**11:30** 30’ **Drones and the related risk of aircraft mid-air collisions**
Mr John Pyrgies – Unamur

**12:00** 60’ **Lunch & Networking**

**13:00** 30’ **The small UAV threat: ensuring force protection**
Mr Leonard Labory – FN Herstal

**13:30** 30’ **Drone detection: “From aviation safety to airport security”**
Mr Olivier Nicoley – Skeyes

**14:00** 30’ **Airport experience of drones dealing with friends and foes**
Mr Charles TELITSINE – CEO Hologarde – Aéroport de Paris (Groupe ADP)

**14:30** 30’ **Aerial security at a large event**
Mr Francois Van Den Broeck – RACB

**15:00** 30’ **Coffee Break**

**15:30** 30’ **Anti drone systems: an overview of ONERA activities**
Mr Henri De Plinval – ONERA

**16:00** 30’ **Laser-based directed energy weapons essential to complete a C-UAV System**
Mr Laurent Tard – CILAS

**16:30** 30’ **The kill-chain: how to Detect-Track-Identify small UAVs?**
Prof. Marijke Vandewal – ERM

**17:00** 30’ **The kill-chain: how to Neutralize small UAVs?**
Prof. Xavier Neyt – ERM

**17:30** 30’ **How to counter small UAVs? The views of OIP & Elbit**
Mr Amnon Ben-David – OIP

**18:00** 15’ **Closing of the day and Open debate (closing comments)**
Prof. Alexandre Papy Dr Ir, Dept. of Weapons Systems and Ballistics, Royal Military Academy, Brussels, Belgium

**18:15 - 21:30** **Drink & Networking**
**PRELIMINARY PROGRAMME**

**Event Location**
**ID2MOVE**
Rue de l’industrie 22
1400 Nivelles, Belgium

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<th>Time</th>
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<tr>
<td>09:00</td>
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<td>Welcome Coffee</td>
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| 09:30 | 15'      | Welcome and Demonstrations Introduction  
Prof. Alexandre Papy Dr Ir, Dept. of Weapons Systems and Ballistics, Royal Military Academy, Brussels, Belgium |
| 09:45 - 12:00 | 120' | Demonstration by Senhive and ALX Systems / Static Display of C-UAV systems  
Interception, Radar, Jamming |
| 12:30 | 120'     | Closing Lunch and Networking    |