



**COUNTER IMPROVISED EXPLOSIVE DEVICES
CENTER OF EXCELLENCE**
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S137-2022

TO: See Distribution list
SUBJECT: Calling Letter for 5th C-IED Technology Workshop (TECH WS),
25-27 October 2022
DATE: 29 June 2022
REFERENCES: C-IED CoE POW 2022.

1. North Atlantic Treaty Organization (NATO) bodies, Partnership for Peace (PfP) members, Coalition's Missions contributing nations, multinational headquarters, international organizations, nations, industry and academia are kindly informed that the NATO C-IED Centre of Excellence (C-IED CoE) organizes the 5th C-IED Technology Workshop in Segovia / Spain from 25-27 October 2022.
2. The referred workshop is partly sponsored by NATO Headquarters (HQ) Emerging Security Challenges Division (ESCD).
3. The aim of the C-IED Technology Workshop 2022 (TWS22) intends to provide the C-IED community of interest an in-depth overview of the latest technologies supportive to C-IED, and to facilitate communication among participants from the above-mentioned communities in order to meet operational needs with technological solutions.
4. The C-IED TWS22 is an ideal environment for defining end-user requirements as well as exchanging information and gaining knowledge on the tools being developed to face the evolving threat from IEDs and Technical Exploitation, which leads to identify threat networks. In summary, the Tech-WS aims to enhance cooperation between the multinational C-IED communities.
5. The classification of the TWS22 will be Unclassified. The focus of the TWS22 will be on technologies supporting "detection, neutralization, mitigation, technical exploitation and future C-UAS solutions for explosive laden drones".
6. The scheme of the event will consist of a set of panels, based on presentations followed by further discussion periods to let delegates interact. Attendees will have also the opportunity to receive direct information from companies about current and future proposals to facilitate C-IED capability enhancing.

7. A draft agenda is attached in Annex A. The possible changes on the current draft will be accordingly updated on the website, where a final agenda will be posted prior to TWS22.

<https://www.ciedcoe.org/index.php/events/tech-ws2022>

8. Administrative instructions can be found in Annex B.
9. The registration to the workshop will be available through the NATO C-IED COE official website from 27th June 2022 to 09th September 2022. Due to conference room capacity restrictions, please, do not make any travel arrangements before your participation is confirmed. The event is limited to maximum of 170 attendees in the Main Conference Room.
10. All contacts from industry & academia aiming to participate, present developed technologies, and/or market products should e-mail ciedtechws@ciedcoe.org. Please include "Industry" or "Academia" in the subject of your message.
11. Should you have any questions, please contact the C-IED COE Point of Contact:

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OF-4 Miguel ALEJANDRE; E-mail: malejandre@ciedcoe.org, Phone: +34918561035

Yours sincerely,

Javier Corbacho Margallo

Colonel, ESP Army
C-IED COE Director

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ROU C-IED
MND SE HQ
ROU DSPI / Technical exploitation unit
SPP
UN
DIRECCIÓN GENERAL DE POLICÍA MUNICIPAL

DRAFT AGENDA



Tuesday 25 th October	
08:00-09.00	Event Registration – In processing
09.00-09.30	Opening Remarks & Welcome
09.30-10.30	Organizational & National Initiatives in C-IED Research & Development
10.30-11.00	Coffee Break/ Static Exhibition
11.00-11.30	Organizational Initiatives in C-IED Research & Development (Cont.)
11.30-13.00	National Presentations on specific C-IED Technological activities/projects/research.
13.00-14.30	Lunch/ Static Exhibition
14.30-15.30	Technical Exploitation for Operational Needs
15.30-16.00	Coffee Break / Static Exhibition
16.00-17.30	Technical Exploitation for Operational Needs (Cont.) / End Day 1
Wednesday 26 th October	
09:00	Sessions Starting

09.00-10.30	Advanced Standoff Detection and Neutralization Technologies
10.30-11.00	Static Exhibition /Live Demonstration / Coffee Break
11.00-13.00	Advanced Standoff Detection and Neutralization Technologies (Cont.)
13.00-14.00	Lunch / Static Exhibition
14.00-15.00	Future C-UAS Solutions For Explosive Laden Drones
15.00-15.30	Static Exhibition / Coffee Break
15.30-16.30	Future C-UAS Solutions For Explosive Laden Drones (Cont.) / End Day 2
16.30-17.30	Live Demonstration
17.30-19.30	Cultural Tour Segovia
Thursday 27th October	
09:00	Sessions Starting
09.00-10.00	C-IED Threat Mitigation-Current and Emerging Technologies
10.00-10.30	Coffee Break / Static Exhibition
10.30-11.30	C-IED Threat Mitigation-Current and Emerging Technologies (Cont.)
11.30-12.00	Company Presentation (TBD)
12.00-12.30	Closing Remarks / End Day 3

Static exhibition & live demonstrations are focused on;

- Countering UAS
- Standoff detection of explosives/devices
- Autonomous Robotic Systems
- ECM for RCIEDs
- High Power Electromagnetics
- EOD Neutralization Equipment.

Note: The static exhibitions will be during the workshop. The demonstrations will be only for the second day of the workshop.

ADMINISTRATIVE INSTRUCTIONS

1. Workshop Location:

Hotel Cándido
Avda. Gerardo Diego S/N. 40006
Segovia / Spain

2. Transportation

- Transportation from/to the airport to Segovia will be conducted by attendant's own means.
- Parking for personal vehicles will be limited at the venue.
 - Taxi services and public transportation means are available.
 - City Bus ("AUTOBUS"): Lanes – 5 and 11 (Bus stop in front of the Hotel)
- More information about public transportation can be found through links in the C-IED CoE web site.

3. Registration

- Prior to in-processing all participants must register on-line through the official website of the event.

<https://www.ciedcoe.org/index.php/events/tech-ws2022>

- No Security Clearance will be required for the whole event.
- Every attendant will be confirmed by email once their registration is done but a second confirmation email will be sent if your participation is confirmed. **Due to conference room limitations, please, do not make any travel arrangements before your participation is confirmed.**

4. In-processing

- In-processing will be at Hotel Cándido. Participants will be required **a copy of registration form and ID card/passport** at the main entrance of the facility.

5. Conference Fee

- There will not be a Conference Fee to be asked for attending to the workshop.

6. Accommodation

- Self-arrangement (there are a big number of hotels around the venue area, due to it is sited on Segovia City). More information about accommodation can be found through link below.

<https://www.ciedcoe.org/index.php/events/tech-ws2022/5th-c-ied-tech-ws-lodging>

- Hotel Cándido (Avda. Gerardo Diego S/N. 40006, Segovia / Spain) will be the venue for the workshop. Reservations with a notice of “5th Technology Workshop” through email or telephone will be able to done with a discounted price.
- For speakers, accommodation will be provided by the organizer.

7. Ice-Breaker:

- An ice-breaker event will take place at the event location on 24th October 2022 at 19.00.
- During registration, it is strictly required to response to question “Are you going to attend to the Ice Breaker in the evening of the 24th of October?” in order to be able to participate.

8. Meals:

- The lunch for the first and second day of the event will take place at the event location.

9. Dress Code:

- The dress code will be jacket and tie or Class B uniform (or equivalent) at your discretion.

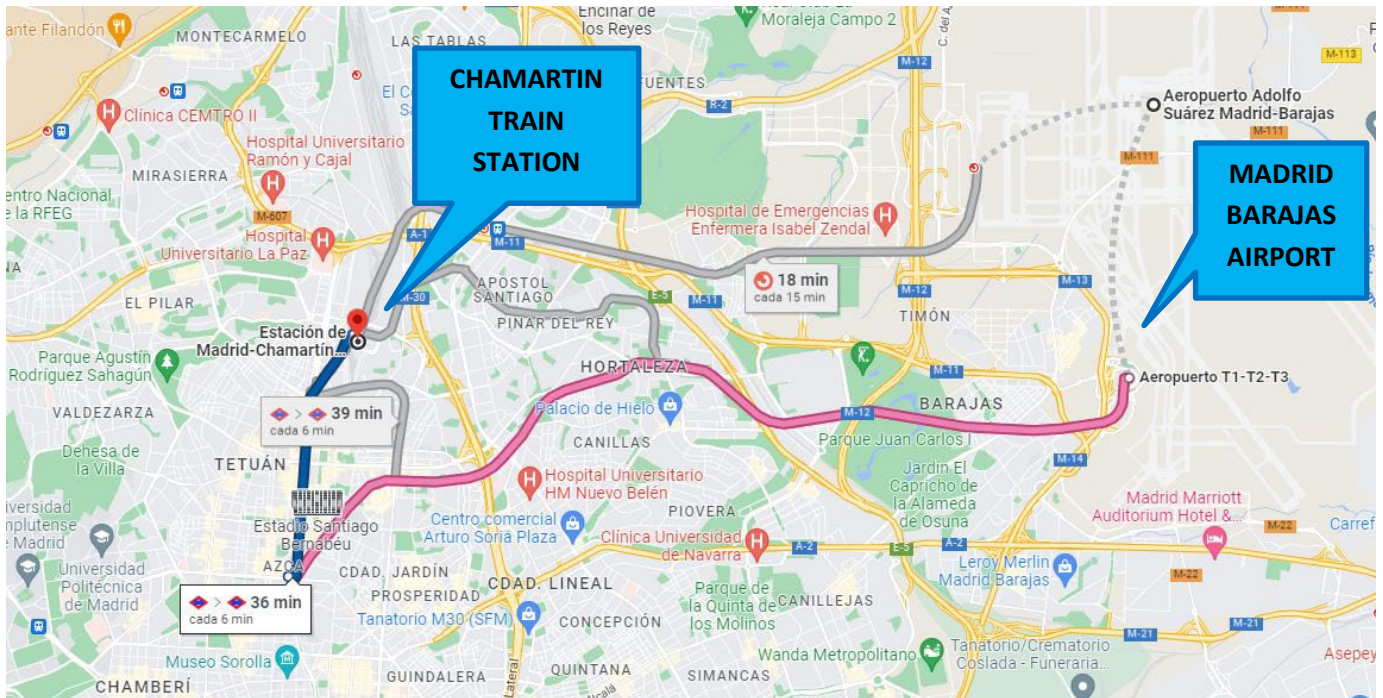
10. Points of Contact:

- C-IED COE support:

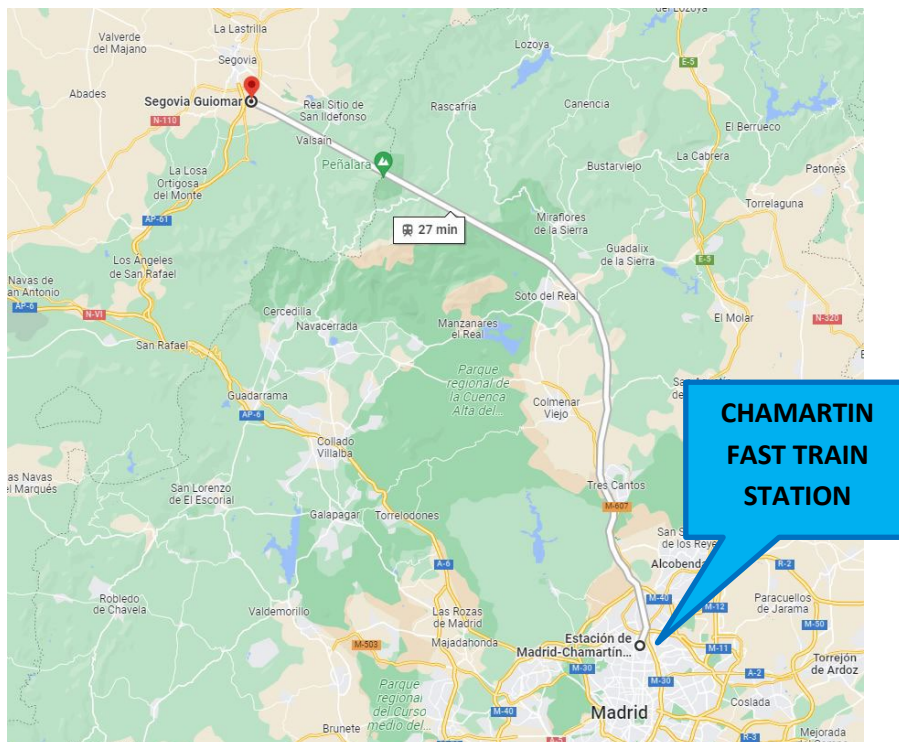
Phone: +34 91 856 1051

E-mail: ciedtechws@ciedcoe.org

BY METRO:



BY TRAIN:



VENUE-HOTEL CANDIDO/SEGOVIA



TOURISTIC INFORMATION REGARDING SEGOVIA

Spain is a tourist country per excellence, positioned among the first in the world in terms of the number of visitors and tourists. Segovia is part of Monumental Spain, a well-established tourist city, declared a World Heritage Site in 1985. Segovia has been offering unique monumental and gastronomic tourism for years, and as such is known anywhere in the world. When we think of Segovia, the first thing that comes to mind is the Aqueduct, a monumental work of Roman engineering, the Cathedral, the last example of Spanish Gothic, known as "the Lady of the Cathedrals" for its singular beauty; and the Alcázar, which is a symbol of the city, and on many occasions has served to represent our entire country.

THE ACUEDUCT

With 167 arches, the Aqueduct of Segovia is considered to be one of the most important legacies of the Roman Empire in Spain. You'll see for yourself that it was built with solid blocks of stone and no mortar; it runs for over 10 kilometres before it reaches the city, dividing it in two, with the Plaza del Azoguejo on one side, and the Plaza de la Artillería on the other.



THE CATHEDRAL

The Cathedral of Segovia, also known as the grand dame of cathedrals, stands in the Plaza Mayor. As you step inside, you'll see the light stream through the huge stained-glass windows, flooding the rooms with a hundred different colours. Inside you'll see the chapel of La Concepción and its great oil paintings such as The Tree of Life, painted by Ignacio de Ries in the 17th century. You'll continue on your way through the cloister, the chapter house and finally the Carroza del Corpus Christi. And if you're feeling intrepid, arrange a nocturnal visit to one of the towers. You'll discover all of Segovia's hidden cultural secrets.



THE ALCÁZAR

The Alcázar of Segovia is an unforgettable castle. It was built at the end of the Middle Ages - the beginning of the modern era, and today it's considered one of the most unusual in the whole of Europe. It was built in a mixture of Gothic and Mudejar styles, with a few Austrian touches. The slate tiles topping the turrets and the side wall shaped like the prow of a ship give it the look of something straight out of a fairy-tale. So, it's hardly surprising that Orson Welles used it in his *Chimes at Midnight*, or that in all probability Walt Disney chose it as the model for Cinderella's castle. From afar you'll see how the imposing Torre del Homenaje rises to the sky, and you can climb the 156 steps up to the room that once served as a state prison for the nobility. In addition to the tower, you can visit the Hall of the Old Palace, the Royal Chamber, the chapel, the Clock Patio, and the Royal Artillery Museum.

