



DEFENCE EXPERTISE CENTRE COUNTER - IED

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AMERSFOORT, THE NETHERLANDS



TO: See Distribution list
SUBJECT: Calling Letter for Spatial Computing in C-IED Workshop,
07-09 March 2023
DATE: 18 January 2023
REFERENCES: EDA202212044/CAP/PB: Save-The-Date SPATIAL COMPUTING FOR
C-IED WORKSHOP.

1. European Defence Agency (EDA) bodies, North Atlantic Treaty Organization (NATO) bodies, Partnership for Peace (PfP) members, industry and academia are kindly informed that The Netherlands will host an international Workshop (WS) pursuing the agreed Specific Objective “Spatial Computing for C-IED” of the EDA Project Smart Field C-IED Field Laboratory (SF C-IED FL).
2. The “Spatial Computing for C-IED” WS that will take place at the Marine Establishment Amsterdam (MEA – Navy Yards), in Amsterdam, The Netherlands from the 7th until the 9th of March 2023.
3. The referred WS is organized by the Netherlands, MOD - Defence Expertise Centre CIED (DEC CIED) in cooperation with The Netherlands Aerospace Centre (NLR).
4. Spatial Computing consists of the digitization of activities of machines, people, objects, and the environments in which they take place to enable and optimize actions and interactions. It encompasses Virtual, augmented, or mixed reality technologies, Internet of things devices (such as sensors in a warehouse and on robots), Speech recognition and gestural recognition.
5. The “Spatial Computing for C-IED” WS aims at:
 - Gathering information about current knowledge and existing projects on Spatial Computing;
 - Sharing with the C-IED community on the potential use of Spatial Computing (SC) technologies support of C-IED capabilities;
 - Identifying a baseline for future collaborative projects for Spatial Computing in C-IED domain.

To achieve these objectives, the target audience ranges from military end users (C-IED Subject Matter Experts - SME), military technicians (Spatial Computing SME for Defence applications) and developers (industry or research related Spatial Computing technologies SME).

UNCLASSIFIED

6. The workshop will be conducted with a series of seminar lectures (7th March) and complemented with syndicate panels (8th March) combining active participation from all the target audiences, particularly end users and Industry, which will further discuss specific topics. The breakout session on the 8th of March will be divided into the CIED pillars ATN, DTD and PTF. The results will be presented and discussed on the final day (9th March).
7. The classification of the “Spatial Computing for C-IED” WS will be Unclassified.
8. There will be a permanent open Tech market with related industries.
9. A draft agenda is attached in Annex A. Possible changes to the current draft will be accordingly updated on the website, where a final agenda will be posted prior to TWS22.
10. Administrative instructions, including a map of the venue, can be found in Annex B.
11. The registration to the workshop will be available through a form in Annex C of this PDF document. Registration is possible until the 3th of February. 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 75 attendees.
12. All contacts from industry & academia aiming to participate, present developed technologies, and/or market products should e-mail:
 - Major Pascal Trum - PFL.Trum@mindef.nl
 - MSc Jeanine Vlasblom - Jeanine.Vlasblom@nlr.nl
 - EDA PO C-IED Mr. Pedro Basto - pedro.basto@eda.europa.eu

Please include “Industry” or “Academia” in the subject of your message.

13. Should you have any questions, please contact the “Spatial Computing for C-IED” WS Points of Contact:
 - Major Pascal Trum - PFL.Trum@mindef.nl
 - MSc Jeanine Vlasblom - Jeanine.Vlasblom@nlr.nl

Yours sincerely,

DRAFT AGENDA

Tuesday 7th March	
08.00 - 09.00	Doors Open + On-site Registration
09.00 - 09.30	Opening Remarks & Welcome
09.30 - 10.00	New COE CIED focus (AJP 3.15)
10.00 - 10.30	Introduction in Spatial Computing
10.30 - 11.00	Coffee Break / Static Exhibition
<i>Defeat The Device</i>	
11.00 - 11.30	Using Haptic Feedback for Mission Navigation
11.30 - 12.00	Using 3D Audio
12.00 - 13.00	Lunch / Static Exhibition
<i>Attack The Network</i>	
13.00 - 13.30	Spatial presentation of data
13.30 - 14.00	User-friendly geographical data
14.00 - 14.30	Visualizing movement of large crowds
14.30 - 15.00	Coffee Break / Static Exhibition
<i>Prepare The Force</i>	
15.00 - 15.30	Introduction in Augmented & Virtual Reality
15.30 - 16.00	Simulation training & CIED app for Ukraine
16.00 - 16.30	Closing remarks
16.30	Drinks

Wednesday 8 th March	
08.30 - 09.00	Doors Open
09.00 - 09.30	Plenary introduction
Identifying points of improvement in CIED	
09.30 - 10.30	Break-out sessions
10.30 - 11.00	Coffee Break / Static Exhibition
11.00 - 12.00	Break-out sessions
12.00 - 13.00	Lunch / Static Exhibition
Creating Spatial Computing solutions	
13.00 - 16.00	Break-out sessions + visiting tech market (coffee available)
16.00 - 17.00	Presenting the results

Thursday 9 th March		
08.30 - 09.00	Doors Open	
09.00 - 09.15	Plenary introduction	
09.15 - 10.45	Presentations of results (30min. per group)	
10.45 - 11.15	Coffee Break/ Static Exhibition	
11.15 - 11.45	Panel discussion	Col. Hoogeveen (CIED Dutch MOD) Ing. Roy Arents (Royal NLR) Paul Oling (Dutch MOD)
11.45 - 12.00	Closing Remarks	Col. Hoogeveen (CIED Dutch MOD) Pedro Basto (EDA)
12.00 - 13.00	Lunch/ Static Exhibition	

*Note: The static exhibitions will be available during the coffee breaks **and** on Wednesday afternoon.*

ADMINISTRATIVE INSTRUCTIONS

1. Workshop Location:

Marine Etablissement Amsterdam (MEA)
Kattenburgerstraat 7
1018 JA Amsterdam, The Netherlands

2. Transportation

- Transportation from/to the workshop location will be conducted by attendant's own means
- Parking for personal vehicles will be limited at the venue. Alternatives are:
 - Taxi services are available in front of the train station "Amsterdam Centraal".
 - Public transportation means are available from the train station "Amsterdam Centraal".
Note: busses leave at the IJ-zijde (the rear end of the train station)
 - Lane 22 (Muiderpoortstation) – Bus stop "Kattenburgerplein"
 - Lane 43 (Borneo Eiland) – Bus stop "Kattenburgerstraat"
 - Walking from the train station to the venue will take about 20 min.
- More information about public transportation can be found on these websites:
<https://9292.nl/en>
<https://www.ns.nl/en> (train schedules only)

3. Registration

- Prior to in-processing, all participants must register on-line through the PDF form in Annex C (final page) of this document, no later than the 3rd of February.
- No Security Clearance will be required for the whole event.
- **Due to conference room limitations, please, do not make any travel arrangements before your participation is confirmed.**

4. On-site registration

- The attendees' personal badges will be handed out at the MEA. Participants will be required **a copy of registration form and ID card/passport** at the main entrance of the facility.

5. Conference Fee

- The workshop is free of charge. No Conference Fee will be asked.

6. Accommodation

- Self-arrangement (there are a big number of hotels around the venue area).
- In the Netherlands (Holland) the power plug sockets are of type C and F. The standard voltage is 230 V and the frequency is 50 Hz.

7. Ice-Breaker:

- An ice-breaker event will take place at the event location on 6th March 2023 at 19.00.
- During registration, it is strictly required to click "I will attend the ice-breaker on the evening of the 6th of March" in the registration form in Annex C.

8. Meals:

- Every day of the workshop, coffee breaks and lunch will be provided. These will take place at the event location.
- Dinner in the military mess hall can be used on own cost. It require a reservation in advance.

9. Dress Code:

- The dress code will be Business Casual or Battle Dress Uniform (BDU).

10. Points of Contact:

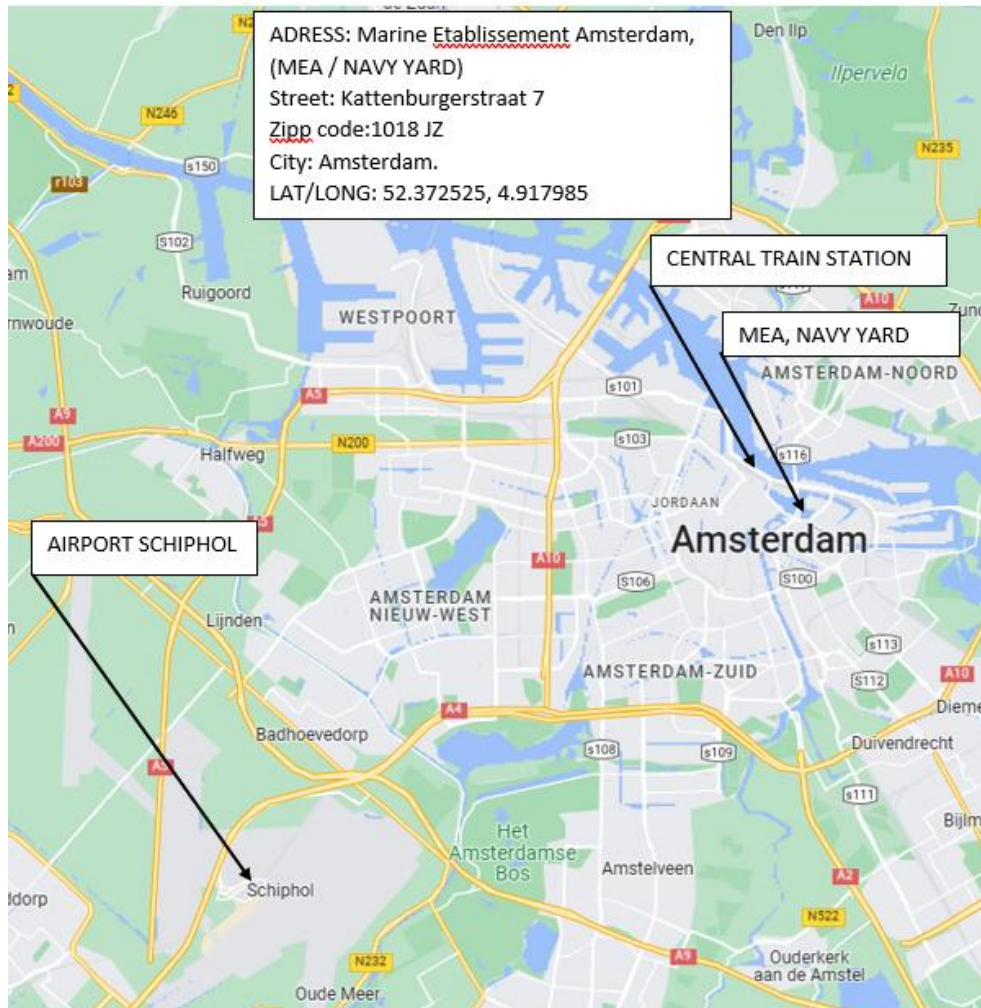
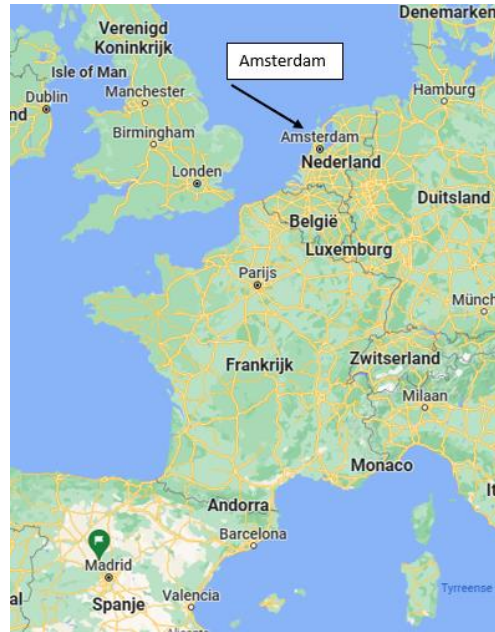
Maj. Pascal Trum

E-Mail: PFL.Trum@mindef.nl

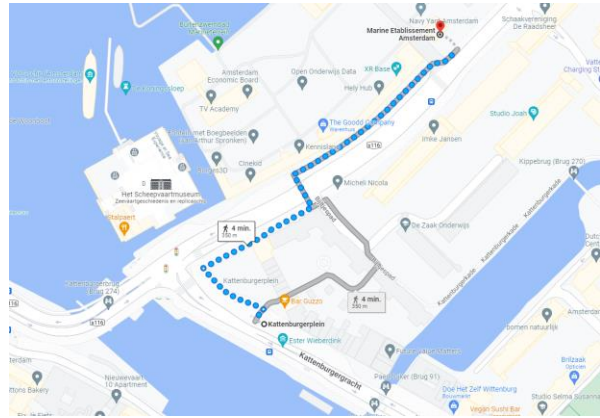
Jeanine Vlasblom

E-Mail: Jeanine.Vlasblom@nir.nl

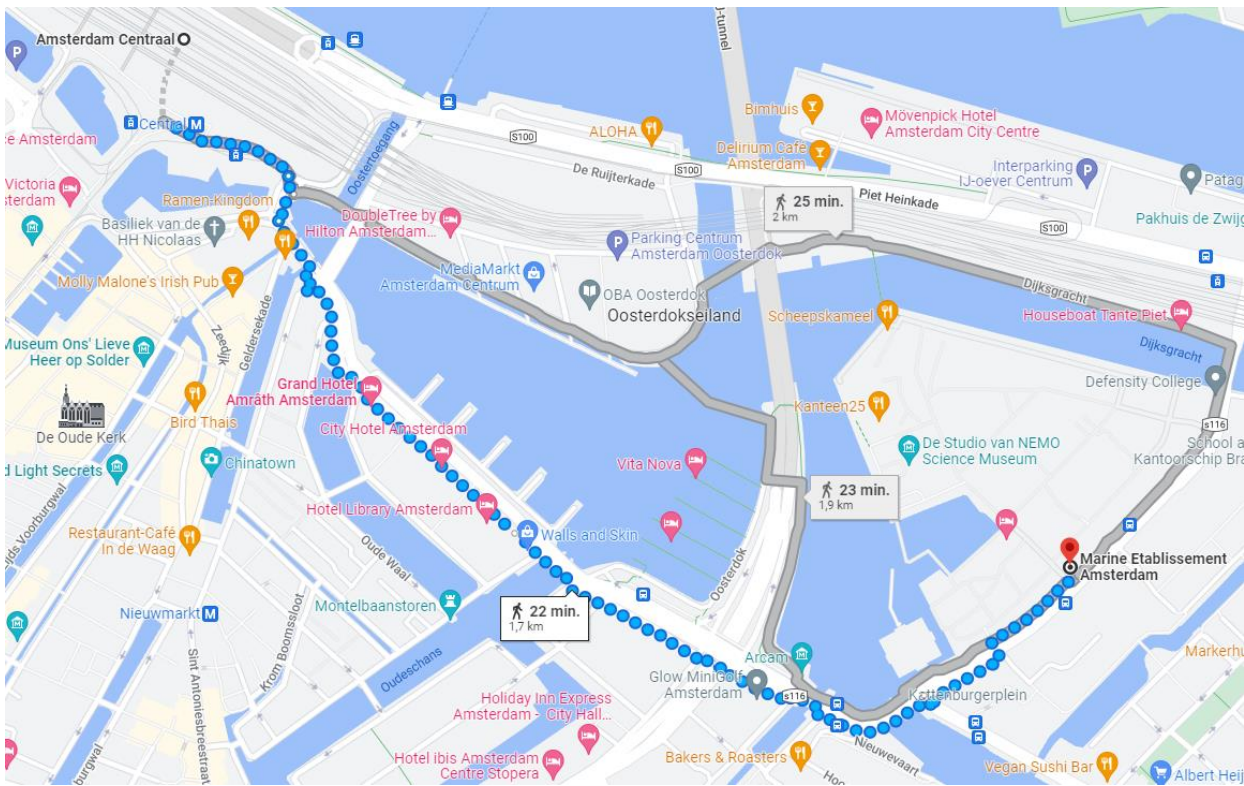
EVENT VENUE – LOCATION MAP



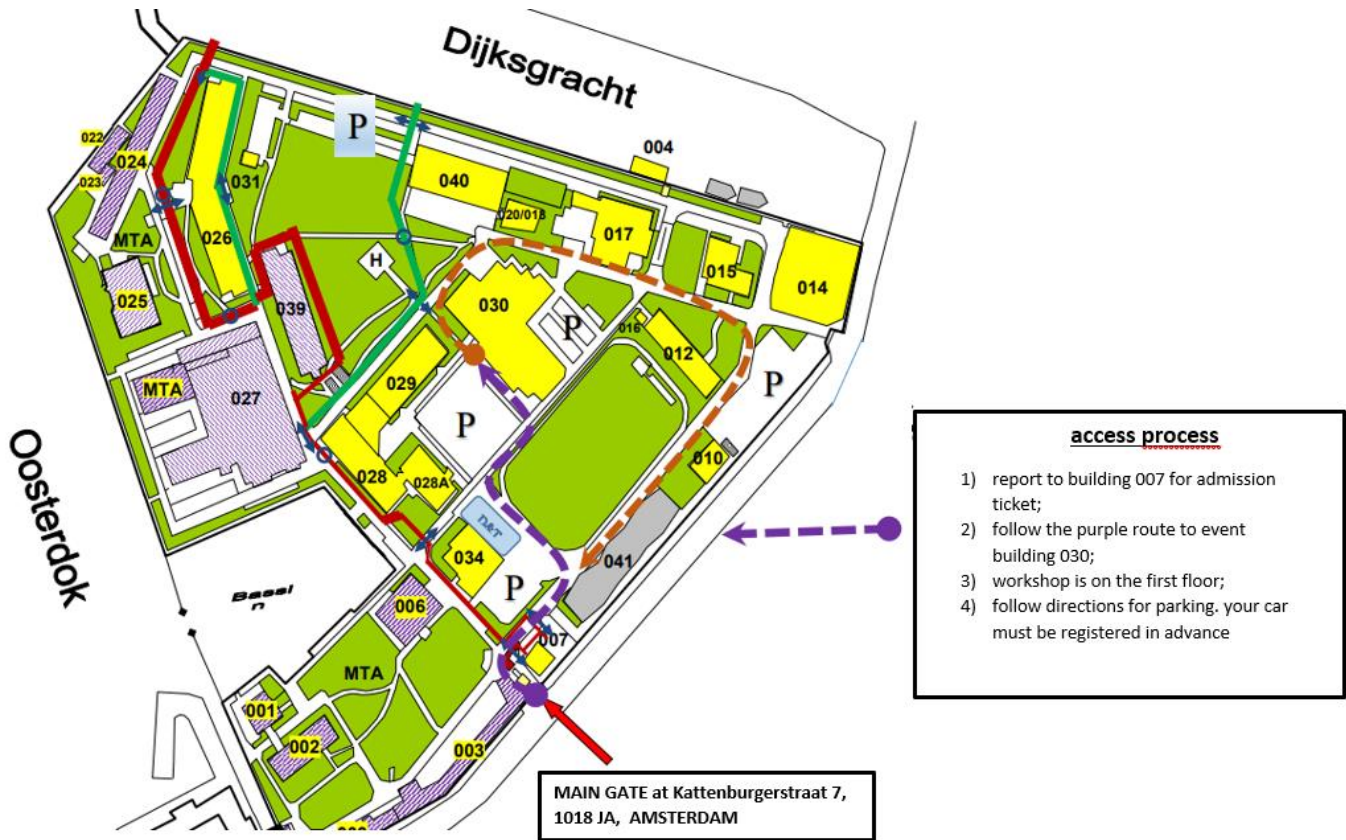
Walking routes from the bus stops to the venue:



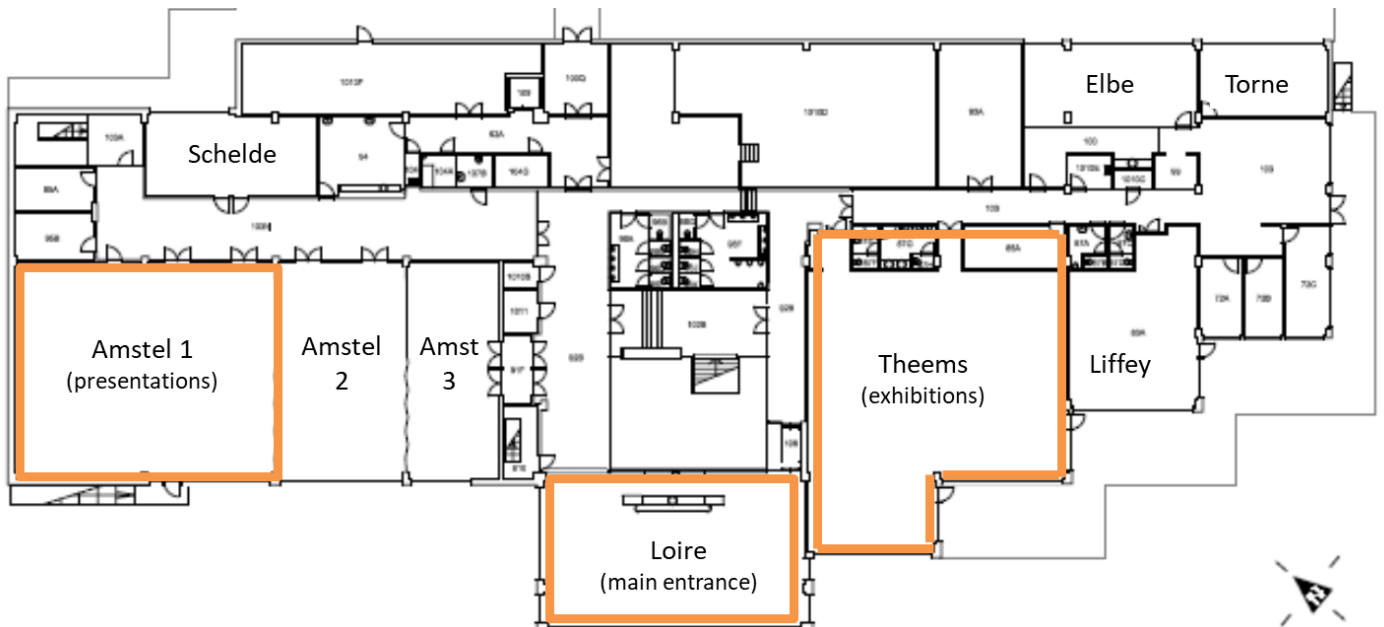
Walking route from the train station to the venue:



Map of the MEA site (venue):



Map of MEA building 030:



REGISTRATION FORM

If you would like to attend the Spatial Computing workshop in Amsterdam (7-9 March), please fill out this form on your computer.

Save the document and send it to the organization: Jeanine.Vlasblom@nlr.nl or by clicking on "Submit form" in the upper-right corner. Registration deadline is 3rd of February.

Name			
Attendance	Participant	Speaker / industry	
Diet	Meat	Vegetarian	Vegan
Diet allergies			
Car	I prefer to arrive by car		
License plate			
Dining facilities	I would like to dine in the military mess hall		
Ice-breaker	I will attend the ice-breaker on the evening of the 6 th of March		