

21st Air Defence Conference

Advanced Technologies for Air Superiority

29 - 30 April 2021

Prague, Czech Republic



Chairman:

COL Assoc. Prof. Jan FARLÍK, Ph.D.

Vice-Dean for Public Relations and Development,
Faculty of Military Technology; Head of Department
of Air Defence, University of Defence, CZE

Specialized Partners



Preamble

The FFF Air Defence Conference will offer a unique opportunity to discuss, present and display current achievement and mainly future trends and challenges on the air defence threats and solutions (sensors, effectors, C2).

Air defence is very important part of air operations. New threats and technological challenges put stress on the fast development of air defence solutions. The need for quick reactions connected with new technologies like UAS or hypersonic opens top-level discussions. These new technologies require sophisticated research and development at the tactical, operational and strategic levels. This conference connects specialists and researchers from all areas of air defence (C2, sensors, effectors, tactics, techniques, and procedures).

The Air Defence Conference 2021 will focus on the following proposed topics:

- New trends in Surface/Ground Based Air Defence (SBAD, GBAD)
- Innovative approaches in GBAD
- C-UAS systems
- Detection of aerial objects with small radar cross section
- Detection of very fast (hypersonic) aerial objects
- Tactics, techniques and procedures through the prism of new threats (C-UAS, Swarms, Hypersonic)

Proposed topics might be subject to change if there is interest from participants to discuss other areas.

FFF R&D Partners



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ORGANIZING AND PROGRAMME COMMITTEE



COL Assoc. Prof. Jan FARLÍK, Ph.D.

Vice-Dean for Public Relations and Development, Faculty of Military Technology; Head of Department of Air Defence, University of Defence, CZE
Chairman



MAJ Josef ČASAR, Ph.D.

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Members

COL (Ret.) Assoc. Prof. Miroslav KRÁTKÝ, Ph.D. – Department of Air Defence, Faculty of Military Technology, University of Defence, CZE

COL Jaroslav DAVERNÝ – Chief of GBAD & AOAD Section, MoD Force Development Division, CZE

LTC Jaroslav SEKANINA – 25th Air Defence Regiment, CZE

COL (Res.) Gil SHALEV – Rafael, ISR

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Ms. Jitka ČAPKOVÁ, Ph.D. – Military Technical Institute of Air Force and Air Defence, CZE

Assoc. Prof. František VOJKOVSKÝ, CSc. – Military Technical Institute of Air Force and Air Defence, CZE

CONFERENCE PROGRAMME

Venue: PVA EXPO PRAHA, Beranových 667, Prague 9, Czech Republic

Website: www.future-forces-forum.org/events

Preliminary Programme

| Day 1 | Thursday, 29 April 2021 | Day 2 | Friday, 30 April 2021 |
|---------------|---|---------------|---|
| 08.00 - 09.00 | Registration of participants | 09.00 - 10.30 | Block 5 (Topics to be published later) |
| 09.00 - 09.10 | Conference Opening - Welcome remarks by the Czech Air Force Commander, MG Petr MIKULENKA | 10.30 - 10.50 | Coffee Break |
| 09.10 - 10.30 | Block 1 (Topics to be published later) | 10.50 - 12.30 | Block 6 (Topics to be published later) |
| 10.30 - 10.50 | Coffee Break | 12.30 | Closing remarks and end of the conference |
| 10.50 - 12.30 | Block 2 (Topics to be published later) | | |
| 12.30 - 13.15 | Lunch Break | | |
| 13.15 - 14.45 | Block 3 (Topics to be published later) | | |
| 14.45 - 15.00 | Coffee Break | | |
| 15.00 - 16.30 | Block 4 (Topics to be published later) | | |
| 16.30 - 19.00 | Individual transport to military Hotel DAP*** – Vítězné náměstí 4/684, Prague 6 | | |
| 19.00 - 22.00 | Informal discussion forum and banquet in Hotel DAP*** | | |

| The programme is subject to change and update.

In case that the governmental restrictions would not allow to organise the conference as planned, it will be held in hybrid or virtual form. All speakers and participants will be informed about potential changes in due time.



CONDITIONS FOR SPEAKERS

All speakers gain VIP status which includes:

- Delegate Pass to FUTURE FORCES FORUM Expert Panels and Exhibition (excluding official sessions of the NATO working groups)
- FFF Catalogue
- Access to the Speakers' Lounge in the Conference Area (coffee, tea, soft drinks)
- Lunch provided in the VIP Lounge (on the day of the presentation only)
- Invitation to the FFF Party on 28 April 2021

Authors are requested to send abstracts by email to events@future-forces-forum.org
 Please submit your abstract as a Microsoft Word document and your photo as a separate JPG or PNG file.
 All speakers will be listed on the FFF website.

Guidelines for Submission of Abstracts

Structure:

- Abstract title
- Name of the FFF expert event
- Author(s) and short professional CV(s), contact email and phone number, photo(s)
- Abstract (between 150 and 200 words)

Detailed information for authors is available at the conference website.

IMPORTANT DEADLINES

| | |
|------------------------------|---|
| Abstract Submission | 5 March 2021 (later submissions may be accepted on individual basis) |
| Notification of Acceptance | in due time |
| Full Paper Submission | 9 April 2021 |
| Audience Online Registration | 21 April 2021 |

PARTICIPATION AND REGISTRATION

You are welcome to attend and participate in the conference, even if you do not present a paper. However, it is mandatory for all individuals to register online at www.future-forces-forum.org/events/registration

Registration and Fees

Speakers

Military, governmental or international organisations, local authorities, public R&D and academia

FREE OF CHARGE

Others

PARTNERSHIP STARTING AT 400 EUR

Please contact us at info@future-forces-forum.org in case of your interest in presentation or partnership.

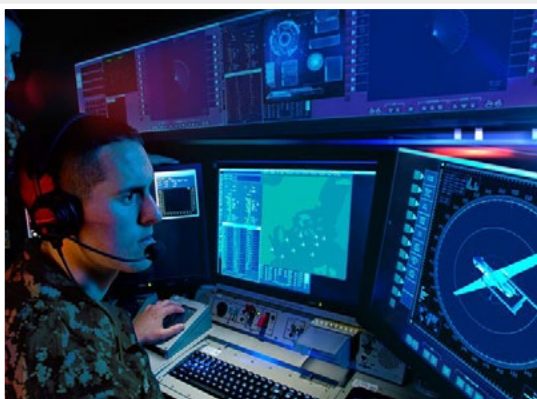
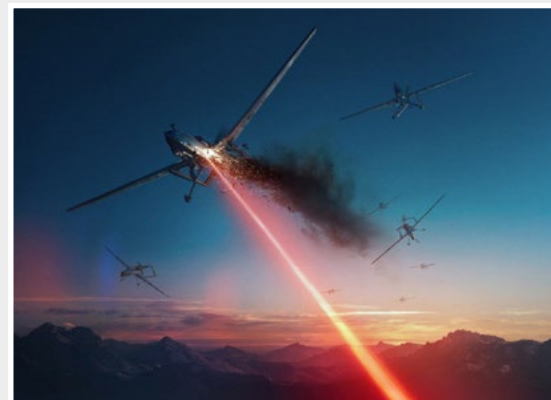
Audience

All delegates are welcome to attend the FFF 2021 expert panels

FREE OF CHARGE (online registration mandatory)

CONFERENCE PROCEEDINGS

The conference proceedings will be in English. All papers and reference documents will be accessible within 21 days after the conference. Access to the FTP (File Transfer Protocol) site is included in the delegate registration.



DRESS CODE

Business attire or military uniform.

ACCOMMODATION

We are pleased to offer you accommodation in our contracted hotels for beneficial prices. Please see the FFF hotels offer at www.future-forces-forum.org/useful/accommodation. In case you need any assistance, please contact us at booking@future-forces-forum.org

OTHER INFORMATION

For more information about the Air Defence Conference 2021 – Advanced Technologies for Air Superiority and other FFF events please visit www.future-forces-forum.org

CONCURRENT EXPERT EVENTS WITHIN THE FFF 2021

The 14th edition of FUTURE FORCES FORUM will in Prague on 28 - 30 April 2021 concurrently host the following professional events:

- **Future Forces Exhibition**
- **Future Forces Conference**
 - Dismounted Soldier Systems Panel
 - Future Land Forces Panel
 - Future Air Force Panel
- **21st Air Defence Conference – Advanced Technologies for Air Superiority**
- **World CBRN & Medical Congress**
- **C4ISTAR Conference**
- **Multi-domain Advanced Robotic Systems Conference**
- **NATO STO MSG-SET-183 Specialists' Meeting on Drone Detectability: Modelling the Relevant Signature**
- **Future of Cyber Conference**
 - Crisis Management Panel & Workshop
 - Cyber Security Panel & Workshop
 - Digital Agenda Panel & Workshop
 - Cyber Defence Panel & Workshop
 - Artificial Intelligence Panel & Workshop
 - Cyber Offence Panel & Workshop
- **Official NATO Working Groups' Sessions (TBC)**
 - NAAG LCGDSS
 - NAAG JCBRND-CDG
 - NAAG JNLWCG
 - NAAG JCGGBAD & JCGSBAMD
 - NAAG JCGVL
 - NATO COMEDS CBRN Medical WG
- **Other events or topics** may be added consequently



CONTACTS

FFF POC

Submission of Abstracts, Presentations and General Enquiries

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**FUTURE
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FORUM**



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