

Dear Colonel Ulrich Gonsior,

I was advised by Mr. Hans Godau who represents EAFT company, to approach you and invite to the international Baltic Defence Innovation Conference in Vilnius, 07-09 Dec. 2016.

You are welcome to send this information to your member companies who may be interested to take part in this Conference.

Also, taking the moment, I would like to briefly introduce my organization. National Defence Foundation is launching several projects which are aimed to increase security and stability in the Baltic region.

One of them is a Host Nation Support (HNS) Cluster project. The purpose of this project is to unite local enterprise companies in order to increase HNS capabilities and effectiveness. Right now we are uniting approx. 20 companies. In this regard we have MOU with Lithuanian Chief of Defence and now we are establishing communication procedures with Lithuanian Armed Forces and with NATO Force Integration Unit.

As you probably know Lithuania's expenditures for the Defence is booming and by the 2018 we will reach 2% out of GDP. At the same time our military numbers are increasing, we are having big number of international military exercises. Additionally to it from the February of the next year Lithuania is accepting NATO multinational battalion (1000 troops) for permanent deployment which will be led by Germany.

I would be happy to meet you and your member companies representatives in Vilnius, December 07 – 09 2016

I am looking forward to find the ways of our possible cooperation.

Looking forward hearing from you

Best regards

COL(R) Vaidotas Malinionis

NATIONAL DEFENCE FOUNDATION

Managing director

Mob.: +370 618 58234

www.fondas.eu

Mokslininkų 11, Vilnius, Lietuva



BALTIC DEFENCE INNOVATION CONFERENCE 2016

PROVISIONAL PROGRAMME

7 December 2016

19.00-21.00 Ice-Breaking Party at (TBC) hosted by Lithuanian Ministry of National Defence

8 December 2016

8.30- 9.00 Welcome Coffee

9.00-9.05 Welcome Speech –Chancellor of Lithuanian Ministry of National Defence

9.05-9.10 Welcome Speech – Commandant of the Baltic Defence College

9.10-9.30 Keynote speech – TBC

9.30-9.45 Dutch experience in defence innovation and military-industry cooperation

9.45-10.00 Norwegian experience of defence innovation and military-industry cooperation

10.00-10.30 Coffee break

SESSION I. Future Warfare – End User Perspective

10.30-10.50 What is an Infantry Brigade in 10-15 years and how it might fight – an insight to challenges and input to R&D (LTC Veiko-Vello Palm or LTC Eero Rebo (both are brigade commanders) (TBD))

10.50-11.10 Scientific finding impact on modern brigade-sized structures (Dr. J. Kiploks, RTU; Martins Verdins, RSU)

11.10-11.30 How a Brigade Size Formation is Fighting in About 10-15 Years From Now? (LTC Mantas Paškevičius, Chief of staff, Mechanized Infantry Brigade “Iron Wolf”)

11.30-12.00 Q&A

12.00-12.30 Coffee Break



SESSION II. Role of Defence Innovation and Emerging Trends

12.30-12.50 Applied Studies and Innovative Thinking as an Integrated Part of Capability Development (LTC Sten Allik, Estonian National Defence College, Head of the Applied Research Centre)

12.50-13.10 Support options of Latvian National Guard in identification of actual military-technical research topics (Dr. J. Kiploks, RTU)

13.10-13.30 Innovative thinking in Lithuanian Defence System: Possibilities and Realities (Prof Aušrius Juozapavičius, The General Jonas Žemaitis Military Academy of Lithuania)

13.30-14.00 Q&A

14.00-15.00 Lunch

SESSION III. Parallel sessions. Innovative solutions for future challenges

Session III. A. Autonomous Systems

15.00-15.05 5 min Intro – putting future challenges again on the desk by moderator giving thus a possibility to the following lecturers to address possible solutions

15.05-15.25 Autonomous systems as force multipliers (Prof Mart Tamre, Tallinn Technical University (TBC))

15.25-15.45 Mission specific performance estimation for unmanned vehicles (Dr. A. Nikitenko, RTU)

15.45-16.00 Q&A

Session III. B. Energy Sustainability

15.00-15.05 5 min Intro – putting future challenges on the desk by moderator giving thus a possibility to the following lecturers to address them.

15.05-15.25 Rasa Pažarauskienė (NATO Energy Security Centre of Excellence)

15.25-15.45 Battlefield energy sustainability - challenges and solutions (MAJ Veljo Raide, Chief of Chair of Natural Sciences, Estonian National Defence College)

15.45-16.00 Q&A

16.00-16.30 Coffee Break



SESSION IV. Parallel sessions. Innovative solutions for future challenges

Session IV. A. Situational Awareness

16.30-16.35 5 min Intro – putting future challenges on the desk by moderator giving thus a possibility to the following lecturers to address them.

16.35-16.55 The path from sensor data to situation awareness. Research Laboratory for Proactive Technologies (ProLab) at Tallinn University of Technology in Estonia (Mr Preden and Mr Mõtus)

16.55-17.15 Cyber security aspects - threats and innovative solutions for defence. Digital data and protection of critical infrastructure (Andris Soroka, DSS)

17.15-17.30 Q&A

Session IV. B. Dual Use Technology

16.30-16.35 5 min Intro – putting future challenges on the desk by moderator giving thus a possibility to the following lecturers to address them.

16.35-16.55 Dual Use Technology. Civilian solutions for defence needs (Dr. Andrius Vilkauskas, KTU)

16.55-17.15 Dual-Use Research and Technology (R&T) for National Defence, Civil Security and Public Safety (Mr. Tomas Jermalavičius, ICDS)

19.00 Dinner



December 9, 2016

SESSION V. Innovation projects in the Baltic States – Digital infantry battlefield solution project.

Session. V. A. Digital infantry battlefield solution project

9.00-9.30 Presentation of the project and discussion
LTC (ret.) Ugis Romanovs
TBC

Session V. B. Host nation support project

9.00-9.30 Presentation of the project and discussion
TBC

10.30 – 11.00 Coffee break

Innovation Enablers – from Ideas to Realization

11.00-11.30 Estonian Defence Industry Association

11.30-11.45 Federation of Security and Defence Industries of Latvia

11.45-12.00 Lithuanian Defence and Security Industry Association I

12.00-12.15 Lithuanian Defence and Security Industry Association II

12.15 – 12.30 Q&A and discussion

12.30 – 14.00 Farewell lunch

End of the Conference



INVITATION TO THE BALTIC DEFENCE INNOVATION CONFERENCE 2016

Dear Colleague

We have the pleasure to invite you or a representative of your organization to attend the Baltic Defence Innovation Conference 2016 to be held on **7-9 December 2016 in Vilnius, Lithuania** at the Conference Centre of **Crowne Plaza Hotel**.

Organized as a regional forum to promote the culture of innovation in the defence organisations of Estonia, Latvia and Lithuania, the Baltic Defence Innovation Conference aims to encourage their collaboration in pursuing new cutting edge knowledge and solutions for advanced defence development, creating innovative thinking and finding innovative solutions for future challenges. The conference seeks to promote understanding of military innovation in the armed forces of the Baltic states and to provide a networking opportunity for military leaders, military subject matter experts, civilian researchers from universities, research centres, think tanks and representatives of defence related industry enterprises. Exhibition at the conference site will familiarize with the developments of defence industries in the Baltic States and other countries.

The 2016 conference is organized by the Baltic Defence College and financed by the Lithuanian Ministry of Defence. To register for the event, please visit the conference website www.baltdefcol.org/balticdefenceinnovation. Registration to the conference closes on 20 November, 2016. You are welcome to invite representatives of defence industries that are part of your association to participate at the conference and the exhibition.

Please find attached the draft conference program, and administrative information.

Sincerely,

Maj.Gen. Andis Dilans
Commandant

BALTIC DEFENCE INNOVATION CONFERENCE 2016

ADMINISTRATIVE INFORMATION

1. Venue

Conference centre of Crowne Plaza Hotel, M. K. Čiurlionio g. 84, Vilnius 03100, Lithuania

2. Registration

To register for the event, please fill out and submit the online registration form available at the conference website www.baltdefcol.org/balticdefenceinnovation. Registration deadline is Monday, 20 November, 2016. All registrations are subject to confirmation by the organizers. Seats will be allocated on a “first come, first serve” basis.

3. Accommodation

Conference guests will be responsible for their own accommodation expenses. The organizers have pre-booked rooms at the Crowne Plaza hotel, <http://www.cpvilnius.com/>

- Standard single room 85€
- Standard twin room 95€
- Business class single room 100€
- Business class twin room 105€

In order to make use of this reservation, participants should fill the appropriate part of registration form. This should be done before 20 November and preferably as early as possible as the number of rooms reserved is limited.

4. Travel and local transportation

Conference guests are expected to cover their own travel costs and make local transportation arrangements. Vilnius airport is located approximately 6 kilometres from the hotel and it takes around 15 minutes to reach it by taxi. The hotel also offers some transfer possibilities. These should be enquired about directly at the hotel.

5. Dress code

Military jacket uniform or civilian business suit.

6. Meals and refreshments

Lunch, coffee and refreshments will be provided by the organizers during the conference breaks. All guests are invited to the ice-breaker reception on 7th December at 19.00 at the Horizon restaurant on the premises of the hotel.

7. Conference materials

With the permission of the speakers, conference presentations will be made available on the conference website.

8. Exhibition

Spaces at the hotel are reserved for the exhibition of defence industries. For more information on the possibilities to use these spaces and reservations, please contact the exhibition manager.

9. Contacts

Logistics management: Ms Kadi Salu kadi.salu@baltdefcol.org tel. +372 717 6098.

Programme management: Dr. Asta Maskaliūnaitė asta.maskaliunaite@baltdefcol.org, tel. +372 717 6034.

Exhibition management: Žygimantas Mercaitis, eventlogistics@aidmas.lt tel. +370 634 31 830.

Help with travel, if needed: Valdas Šinkūnas, Astrida Travel, group@astrida.lt, tel. +370 52 122 790; mob. +370 652 46 355

10. Updates of the program and information

For all the updates of the program and information, please visit the conference website at www.baltdefcol.org/balticdefenceinnovation