



LATVIJAS
UNIVERSITĀTE



Latvijas Drošības un aizsardzības
industriju federācija



Starptautisks kolokvijs

“Ķīmisko, bioloģisko, radioloģisko un kodoldraudu (CBRN) risku novērtēšana un pārvaldība”

Latvijas Universitāte
sadarbībā ar

DAIF-Latvija un Čehijas Republikas Aizsardzības Universitāte

23. -25. augusts, 2022

Latvijas Universitāte
Dabaszinātņu akadēmiskais centrs,
Dabas māja
Jelgavas iela 1, Rīga



UNIVERSITY
OF LATVIA



Federation of Security and
Defence Industries of Latvia



International scientific colloquium

**"Assessment and Management of Chemical, Biological, Radiological and Nuclear (CBRN)
Threats"**

the University of Latvia in collaboration with FSDI-Latvia and the Defense University of the Czech
Republic

August, 23. -25, 2022

Academic Center of the University of Latvia
Nature House
Jelgavas Street 1, Riga

Local Organising Committee of the colloquim

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Čehijas Republikas Aizsardzības Universitāte

The University of Defence, Czech Republic

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| Plk. gšt. Prof. MVDr. Zuzana Šinkorová, Ph.D. | Militārās veselības zinātņu fakultāte, Radiobioloģijas katedra (katedras vadītāja, Prodekāne zinātņu jomā) <i>Faculty of Military Health Sciences, Department of Radiobiology (Head of the Department, Vice-Dean for Science)</i> | Zuzana.Sinkorova@unob.cz |
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| Mjr. Doc. Ing. Jiří Janda, Ph.D. | NBC Aizsardzības institūts <i>NBC Defence Institute</i> | Jiri.Janda@unob.cz |

Zinātniskā kolokvija "Ķīmisko, bioloģisko, radioloģisko un kodoldraudu (ĶBRK)-risku novērtēšana un pārvaldība" programma

Agenda of the Scientific Colloquium "Assessment and Management of Chemical, Biological, Radiological and Nuclear (CBRN) Threats"

Interests and representatives: PhD. students from the UL, academic personell and scientific staff members from the UL, DAIF-Latvia members, representatives from the Ministry of Defence and Ministry of the Interior of the Latvian Republic, members of the Latvian National Armed Forces, State Fire and Rescue Service of Latvia, guests of foreign state institutions woking on CBRN risk management.

Open for other interests.

Language / Time: English / Eastern European Summer Time (EEST)

Otrdiena, 23.08.2022, 108. auditorija

Thursday, 23.08.2022, 108 auditorium

| Laiks/Time | Activity | Atbildīgais/Responsible |
|---------------|--|---|
| 9:00 – 9:30 | Registration | Organizatoring team |
| 9:30 – 9:40 | Colloquium Opening & Welcome | Colloquium Chair Rector of the University of Latvia (UL), Prof. I. Muižnieks |
| 9.40 – -10.00 | Science oganization in the UL with paricular attention to homeguard and defence | Vice-Rector for Natural Sciences, Technology and Medicine of the UL, Prof. V. Segliņš withg short presentations by E. Plume and I. Mitrofanovs |
| 10:00 – 10:15 | Activities of the FSDI -Latvija, | Ms. E. Egle-Ločmele , FSDI |
| 10:15 – 10:45 | Introducing main research goals of the University of Defence in biomedicine | Plk. gšt. Prof. MVDr. Zuzana Šinkorová |
| 10:45 – 11:00 | Introducing main research goals of the Institute of Chemical Physics & Department of Chemistry, University of Latvia | Assist Prof. I. Reinholds |
| 11:00 – 12:00 | Overview of Radiological Dispersal Devices (RDD) | Mjr. doc. Ing. J. Janda |
| 12:00 – 12:30 | Cofee break, room 109 | |
| 12:30 – 13:30 | Biodosimetric research in the Army of the Czech Republic | Plk. gšt. Prof. MVDr. Z. Šinkorová |
| 13:30- 14:30 | Lunch | |
| 14:30 – 15:30 | Pig as an experimental model for determination of obtained dose of irradiation (in vivo studies) | Mjr. Mgr. L. Andrejsová |
| 15: 30- 16:00 | Coffee break, room 109 | |
| 16:00 -18:00 | Nuclear dosimetry | Mjr. doc. Ing. J. Janda |

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|---------------|------------------------------|------------------------|
| 18:00 – 18:30 | Concluding remarks Questions | Organization Committee |
| 18.30 | Adjourn | Organization Committee |

Trešdiena, 24.08.2022 – 701. telpa

Wednesday, 24.08.2022 – room 701

| Laiks/Time | Activities | Responsible/Oganizator |
|---------------|--|--|
| 9:00-10:30 | Working seminar University of Latvia, Defense University, DAIF-LATVIA and International partners | Dr. I. Reinholds Dr. K. Saleniece |
| 10:30 – 12:00 | Excursion around the laboratories of the Nature and the Science House of the UL | Organization committee |
| 12:00 - 13:00 | Lunch | |
| 13:00 - 19:00 | Field seminar with a group excursion for researchers from the Defence University of the Czech Republic around the Baltic Sea coast of Kurzeme | Organization committee Bus at Jelgavas Street 1 |
| 19:00-21:00 | Festive diner | Dr. Andrejs Grīnbergs |
| 21:00 | Adjourn | Organization committee Bus to the hotel |

Ceturtdiena, 25.08.202 – 701. telpa

Thursday, 25.08.2022 – room 701

| Laiks/Time | Activities | Responsible/Oganizator |
|------------|---|------------------------|
| 9:00-12:00 | Conclusion remarks and discussion of the future colaboration between the UL and the University of Defence of the Czech Republic | Organization committee |
| 12:10 | Adjourn | Organization committee |

The colloquium is financially supported by the Academic Development Project of the University of Latvia, and the University of Latvia Foundation (LUF).

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