



*This activity  
is supported by:*

The NATO Science for Peace  
and Security Programme

December 2<sup>nd</sup> – 6<sup>th</sup>, 2024

## 1<sup>st</sup> project meeting APRIORI

University of Žilina, Žilina, Slovakia

*Meeting room of the Scientific Council (Zasadacia miestnosť vedeckej rady),*

*Vysokoškolákov 26, 010 08 Žilina*

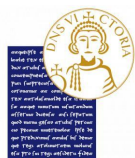
49.20928716464714, 18.754943664163484

<https://maps.app.goo.gl/jXZrGyxG3RCppD4Q7>

# Advanced Technologies for Physical Resilience Of cRitical Infrastructures (APRIORI) SPS G6140

Research Project funded by

NATO Emerging Security Challenges Division Science for  
Peace and Security (SPS) Programme





*This activity  
is supported by:*

The NATO Science for Peace  
and Security Programme

## MEETING AGENDA

### Monday, December 2<sup>nd</sup> 2024

---

All day      Arrival and registration of participants

### Tuesday, December 3<sup>rd</sup> 2024

---

- 9:00 – 9:15      Welcoming by the dean of Faculty of Security Engineering  
Welcoming by the dean of Faculty of Electrical Engineering and Information Technology
- 9:15 – 10:00      Presentation about Slovakia – system, culture, tradition (**Lucia Figuli**)
- 10:00 – 10:20      Summary of current project situation - (**Luca De Vito**)
- 10: 20 – 10:30      Coffee break
- 10:30 – 11:00      Presentation about the tasks for project CASE STUDIES (**Zdenek Dvorak and Lucia Figuli**)
- 11:00 – 12:00      Working in groups on CASE STUDIES of critical infrastructure – selection, description, risk analysis, security plan
- Case study N°1 (Italy) – responsible (**Luca De Vito**)
- Case study N°2 (Slovakia) – responsible (**Zdenek Dvorak**)
- Case study N°1 (Moldovia) – responsible (**Veaceslav Sprincean**)
- Case study N°1 (Latvia) – responsible (**Maksim Feofilovs**)
- 12:00 – 12:45      Lunch
- 12:45 – 13:00      Travel to KIA manufactory plant in Teplička and Váhom
- 13:00 – 15:00      **Technical visit of KIA factory plant**





*This activity  
is supported by:*

The NATO Science for Peace  
and Security Programme

- 15:00 – 15:15 Travel to Žilina
- 15:30 – 17:30 **Sightseeing of Žilina**
- 18:30 Dinner

## Wednesday November 4<sup>th</sup> 2024

---

- 9:30 – 10:15 Presentation of conclusions of case studies from each group (Luca De Vito, Zdenek Dvorak, Veaceslav Sprincean, Maksim Feofilovs)
- 10:15 – 10:30 Coffee break
- 10:30 – 12:00 **Working section 1** working in groups – new ideas for project topics:
- Group N°1 - Modelling of Critical Infrastructures (RTU + UNIZA FBI) – responsible (Maksim Feofilovs)
  - Group N°2 - Physical security of communication networks (UNISANNIO + UNIZA FEIT) - responsible (Luca De Vito)
  - Group N°3 - Advanced technologies for physical resilience of critical infrastructures (UNICAS, MSU, UNISANNIO) - responsible (Erika Ottaviano)
- 12:00 - 12:45 Lunch
- 12:45 – 13:15 Presentation of conclusions of working section 1 from each group (Luca De Vito, Zdenek Dvorak, Veaceslav Sprincean, Maksim Feofilovs)
- 12:45 – 15:00 **Working section 2** working in groups – design of advanced technologies for physical resilience for selected case studies:
- Case study N°1 (Italy) – responsible (Luca De Vito)
  - Case study N°2 (Slovakia) – responsible (Zdenek Dvorak)
  - Case study N°1 (Moldovia) – responsible (Veaceslav Sprincean)
  - Case study N°1 (Latvia) – responsible (Maksim Feofilovs)
- 15:00 – 16:00 – Common discussion, conclusions
- 18:30 Social dinner (all)





*This activity  
is supported by:*

The NATO Science for Peace  
and Security Programme

## Thursday December 5<sup>th</sup> 2024

- 10:00 - 12:00 – Visiting of **laboratories Scientific park of University of Zilina (all)**
- Visiting of **laboratories of Faculty of Electrical Engineering and Information Technology (all)**
- Visiting of **laboratories of railways department (all)**
- Visiting of **Interactive Experience Centre for the Popularisation of Science and Technology (all) (we will see if we manage to see all)**
- 12:00 – 13:00 Lunch
- 13:00 – 15:00 **Working in groups 3** – dissemination – preparation of common scientific paper **(all)**
- 15:00 – 16:00 Project management, dissemination, implementation, quality, reporting and financial issues **(all)**
- 16:00 Conclusions **(all)**

## Friday December 6<sup>th</sup> 2024

Departure

Participants

N°	Name and surname	Arrival	Flight information	Departure	Flight information		
1	Pasquale Daponte	2/12/2024	15:10- 16:55 Roma -Vienna	4/12/2024	15:25 Vienna - Roma FR 1645	Unisannio	
	Luca Devito	2/12/2024	16:45	6/12/2024	12:30	Unisannio	prof
2	Lucia Figuli	2/12/2024	-	6/12/2024	-	UNIZA	prof
3	Zdenek Dvorak	2/12/2024	-	6/12/2024	-	UNIZA	prof
4	Michal Miške	2/12/2024	-	6/12/2024	-	UNIZA	PhD student

4

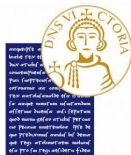




*This activity  
is supported by:*

## The NATO Science for Peace and Security Programme

5	Xaver Žák	2/12/2024	-	6/12/2024	-	UNIZA	PhD student
6	Juraj Machaj	2/12/2024	-	6/12/2024	-	UNIZA	prof
7	Peter Brída	2/12/2024	-	6/12/2024	-	UNIZA	prof
8	Miroslav Hutár	2/12/2024	-	6/12/2024	-	UNIZA	PhD student
9	<b>Maksims Feofilovs</b>	<b>2/12/2024</b>		<b>6/12/2024</b>		<b>RTU</b>	prof
10	<b>Sprincean Veaceslav</b>	<b>2/12/2024</b>	15:55-16:40 Chişinău -Vienna	6/12/2024	12:40 Viena Terminal 3 15:15 Chişinău	<b>MSU</b>	prof
11	<b>Savva Marianna</b>	<b>2/12/2024</b>	15:55-16:40 Chişinău -Vienna	<b>6/12/2024</b>	12:40 Viena Terminal 3 15:15 Chişinău	<b>MSU</b>	prof
12	Juliána Čipčovská	3/12/2024	-	4/12/2024	-	UNIZA	master student
13	Miroslav Fulek	3/12/2024	-	4/12/2024	-	UNIZA	master student
14	Nikolas Kollár	3/12/2024	-	4/12/2024	-	UNIZA	master student
15	<b>Erika Ottaviano</b>	<b>2/12/2024</b>	<b>15:10- 16:55 Roma -Vienna</b>	<b>6/12/2024</b>	<b>11:45- 13:25 Vienna-Roma</b>	<b>UNICAS</b>	<b>Professor</b>
16	<b>Roberto Di Bona</b>	<b>2/12/2024</b>	<b>15:10- 16:55 Roma -Vienna</b>	<b>6/12/2024</b>	<b>11:45- 13:25 Vienna-Roma</b>	<b>UNICAS</b>	<b>PhD Student</b>
17	Maciej Klosak					UNIVERSA PO LIS	profesor







*This activity  
is supported by:*

The NATO Science for Peace  
and Security Programme

## INFO PACK

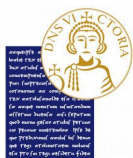
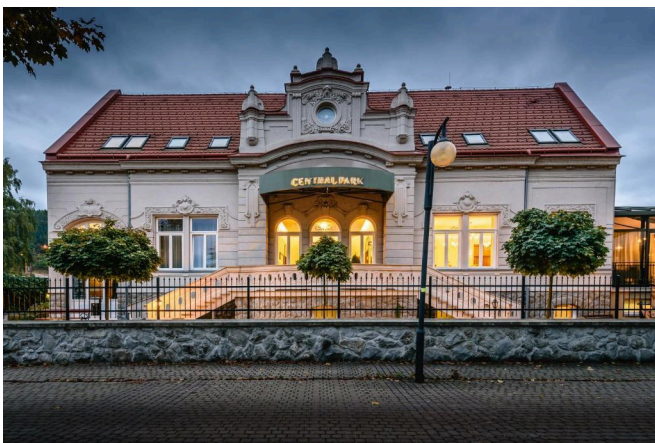
### Location:



<https://www.tikzilina.eu/en/attractions-of-the-city/>

### Accommodation:

<https://www.penzioncentralpark.sk/en/>





*This activity  
is supported by:*

The NATO Science for Peace  
and Security Programme

**SPA Rajecké Teplice** <https://www.spa.sk/en>

(15 km from Zilina)



**ČIČMANY** (40 km from Zilina)



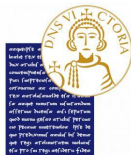
## TRAVEL:

**Airport Bratislava** - <https://www.bts.aero/en/> - only few flights

The best option is to go to airport **VIENNA** -  
<https://www.viennaairport.com/en/passengers>

From **CHISINAU** to Vienna (Wizz, Austrian Airlines, LOT via Warsaw)

7





*This activity  
is supported by:*

The NATO Science for Peace  
and Security Programme

From **RIGA** (Air Baltic, Austrian Airlines, Ryanair)

From **Rome** (Wizz, Austrian Airlines, Ryanair)

2/12/2024:

Chisinau – Vienna: 14:40 – 18:45 (LOT via Warsaw)

15:55 – 16:40 Austrian airlines

**18:45 – 19:30 Austrian airlines**

20: 15 – 21: 05 Wizzair

Riga – Vienna: 7:25 – 8:25 Air Baltic

**17:40 – 18: 40 Air Baltic**

21:30 – 22:35 Ryanair

Rome – Vienna: 9:50 – 11:35 Ryanair

10:15 – 11:55 Austrian airlines

12:25 – 14:15 Wizzair

**15:10 – 16:35 Ryanair**

20:05 – 21: 45 Austrian airlines

6/12/2024

Vienna – Chisinau: **9:20 – 13:55 (LOT via Warsaw)**

12:40 – 15:15 Austrian airlines

15: 25 – 18:00 Austrian airlines

16: 55 – 19:40 Wizzair

Vienna – Riga: 6:45 – 9:50 Ryanair

**9:05 – 12:05**







*This activity  
is supported by:*

The NATO Science for Peace  
and Security Programme

19:20 – 22:20

Vienna – Roma: 7:55 – 9:30 Austrian airlines

**9:40 – 11:20 Ryanair**

11:45 – 13:25 Ryanair

14:30 – 16:10 Ryanair

14:50 – 16:10 wizzair

17:40 – 19:15 Austrian airlines

Vienna airport to Bratislava bus station (stanica Mlynské Nivy) or train station (Hlavná stanica) – 1 hour

<https://www.slovaklines.sk/en/>

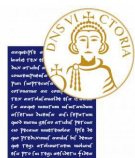
<https://global.flixbus.com/>

<https://regiojet.sk/>

Bratislava bus station to Bratislava - **trolleybus** – 15 minutes

from train station Bratislava to Žilina - train 2 hours

or FLIXBUS direct **BUS** from Vienna airport to Zilina:





This activity is supported by:

The NATO Science for Peace and Security Programme

11:00 ————— 3:45 hrs ————— 14:45 €17.49  
 Vienna Airport Žilina (bus station)

**LOWEST PRICE  
FASTEST TRIP**

Bus Direct

[Continue >](#)

16:00 ————— 5:10 hrs ————— 21:10 €18.48  
 Vienna Airport Žilina (bus station)

**LOWEST PRICE**

1 transfer

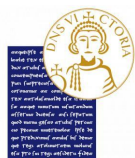
[Continue >](#)

22:15 ————— 4:00 hrs ————— 02:15 <sup>+1 day</sup> €17.49  
 Vienna Airport Žilina (bus station)

**LOWEST PRICE**

Bus Direct

[Continue >](#)





This activity is supported by:

# The NATO Science for Peace and Security Programme

03:45 — 3:55 hrs — 07:40 **€17.<sup>49</sup>**  
Žilina (bus station) — Vienna Airport

1 seat left at this price

Bus Direct

Continue >

09:05 — 5:00 hrs — 14:05 **€19.<sup>98</sup>**  
Žilina (bus station) — Vienna Airport

> 1 transfer

Continue >

13:10 — 3:40 hrs — 16:50 **€13.<sup>49</sup>**  
Žilina (bus station) — Vienna Airport

**LOWEST PRICE  
FASTEST TRIP**

Bus Direct

Continue >

15:05 — 3:40 hrs — 18:45 **€17.<sup>49</sup>**  
Žilina (bus station) — Vienna Airport

**FASTEST TRIP**

Bus Direct

Continue >

[https://shop.flixbus.ie/search?departureCity=40df34e5-8646-11e6-9066-549f350fcb0c&arrivalCity=40e0f550-8646-11e6-9066-549f350fcb0c&route=Viede%C5%88+letisko-%C5%BDilina&rideDate=02.12.2024&backRideDate=06.12.2024&adult=1&\\_locale=en\\_IE&backRide=1&features%5Bfeature.enable\\_distribution%5D=1&features%5Bfeature.train\\_cities\\_only%5D=0&features%5Bfeature.auto\\_update\\_disabled%5D=0&features%5Bfeature.webc\\_search\\_us\\_veterans\\_promoted%5D=0](https://shop.flixbus.ie/search?departureCity=40df34e5-8646-11e6-9066-549f350fcb0c&arrivalCity=40e0f550-8646-11e6-9066-549f350fcb0c&route=Viede%C5%88+letisko-%C5%BDilina&rideDate=02.12.2024&backRideDate=06.12.2024&adult=1&_locale=en_IE&backRide=1&features%5Bfeature.enable_distribution%5D=1&features%5Bfeature.train_cities_only%5D=0&features%5Bfeature.auto_update_disabled%5D=0&features%5Bfeature.webc_search_us_veterans_promoted%5D=0)

