



## Students' Conference 2023

Organized by  
the Faculty of Philology of Vilnius University and the Faculty of Mathematics and Informatics  
of Vilnius University

### Research projects "RESEARCH OF NOVICE SCIENTISTS"

December 4 - 16, 2023

First-Year students of Computer Science and Software Engineering  
are kindly inviting you to attend their open conference, where the  
results of their group projects will be presented.

#### CONFERENCE PROGRAMME

<i>1<sup>st</sup> week</i>	
Room 113, Naugarduko g. 24 <b>December 4th, Monday</b>	
<i>CS 1 Moderator: Goda Gutparakytė</i>	
10.15 – 10.45	<i>Raminta Dubinskaitė, Titas Riasnojus, Ieva Lileikytė</i> Social Media Addiction
10.45 – 11.15	<i>Motiejus Kazabuckas, Benas Muningis, Kipras Stankevičius</i> Production of Single-use Plastic Waste

11.15 – 11.45	<i>Round table discussion</i>
11.45 – 12.00	Coffee/Tea Break
<i>SE 2 Moderator: Mykolas Marius Budrys</i>	
12.00 – 12.30	<i>Eleonora Višnevskytė, Arnas Misevičius, Adrian Klimaševski</i> Effects of Excessive Screen Time and Ways to Increase Mobile Mindfulness
12.30 – 13.00	<i>Kristupas Krivickas, Dominykas Kumža, Dovydas Podinskas</i> Society's Perception of the Effects of Technology on Children
13.00 – 13.30	<i>Round table discussion</i>
13.30 – 13.45	Coffee/Tea Break
<i>SE 4 Moderator: Edvinas Burba</i>	
13.45 – 14.15	<i>Povilas Uckus, Rytis Valatkevicius, Vakarlis Kavaliauskas</i> The Rise of Deepfakes and Their Effects on Politics
14.15 – 14.45	<i>Saule Gilyte, Kajus Bička, Elvinas Švilpa</i> To What Extent Does Human-AI Collaboration Lead to Higher-quality Art?
14.45 – 15.15	<i>Viktorija Šimonelytė, Paulius Puskunigis, Ažuolas Majauskas</i> Applications of AI in the Diagnosis of Skin Cancer
Room 207, Didlaukio g. 47	
<b>December 5th, Tuesday</b>	
<i>SE 5 Moderator: Dovydas Girskas</i>	
10.15 – 10.45	<i>Eimantas Gagilas, Kipras Kazarinas, Lukas Jasiulionis</i> Learning – a Skill or an Ability
10.45 – 11.15	<i>Laura Ukrinaitė, Edvinas Navickas, Izabela Valentinovic</i> To What Extent Is Eurovision a Political Contest
11.15 – 11.45	<i>Round table discussion</i>
11.45 – 13.45	Coffee/Tea Break
<i>SE 3 Moderator: Matas Andraitis</i>	
13.45 – 14.15	<i>Domas Klimavičius, Benas Gross, Justinas Pranaitis</i>

	Improving Public Transport to Increase Its' Efficiency and Usage in Vilnius
14.15 – 14.45	<i>Ainius Gecas, Adomas Šileikis, Gintaras Ubavičius</i> Practicality of Different CAPTCHA Types
14.45 – 15.15	<i>Round table discussion</i>
Room 113, Naugarduko g. 24 <b>December 6th, Wednesday</b>	
<i>CS 2 Moderator: Marijus Daraškevičius</i>	
10.15 – 10.45	<i>Valentinas Goris, Jorintas Stanislovenas, Vytautas Saulianskas</i> The Impact of Diet on Academic Performance
10.45 – 11.15	<i>Dovydas Levinas, Vilius Valatka, Gojus Kastėnas</i> Impact of Technologies on Education
11.15 – 11.45	<i>Round table discussion</i>
11.45 – 12.00	Coffee/Tea Break
<i>SE 5 Moderator: Justas Drakšas</i>	
12.00 – 12.30	<i>Agnė Petkevičiūtė, Gustas Mickus, Audrius Kralikas</i> The Extent to Which Lithuanian Teachers Leverage AI Technology
12.30 – 13.00	<i>Dovydas Girskas, Ignas Žuklys, Mindaugas Ramonas</i> How AI effects learning process
13.00 – 13.30	<i>Round table discussion</i>
13.30 – 13.45	Coffee/Tea Break
<i>CS 3 Moderator: Mykolas Aškelevičius</i>	
13.45 – 14.15	<i>Eglė Maslinskaitė, Ugnė Skučaitė, Kajus Zakaras</i> The Divergent Views of Hacktivism in Sources of Media and Vilnius University Students
14.15 – 14.45	<i>Round table discussion</i>
Room 113, Naugarduko g. 24 <b>December 7th, Thursday</b>	
<i>CS 1 Moderator: Tomas Baublys</i>	

10.15 – 10.45	<i>Dženardas Jevič, Augustas Bliznikas, Lukas Bieliauskas, Jokūbas Grigalius</i> The Influence of Video Games Addiction on Academic Performance
10.45 – 11.15	<i>Mantvydas Skruodys, Edas Šarkis, Vakarīs Verbickas</i> The Impact of Time Management on Academic Performance
11.15 – 11.45	Round table discussion
11.45 – 12.00	Coffee/Tea Break
<i>SE 4 Moderator: Elvinas Švilpa</i>	
12.00 – 12.30	<i>Kostas Juškevičius, Eimantas Labžentis, Deividas Šapalas</i> Optimisation of Public Transport in Vilnius
12.30 – 13.00	<i>Matas Firantas, Artūras Macelis, Nojus Gudaitis</i> Person's Mental Health During a Crisis
13.00 – 13.30	<i>Edvinas Burba &amp; Edvardas Smoliakovas</i> The Evolution of Healthcare: Investigating How AI is Revolutionizing Medicine
13.30 – 13.45	Coffee/Tea Break
<i>CS 2 Moderator: Dovydas Levinas</i>	
13.45 – 14.15	<i>Arnas Norvaisis, Ignas Balsys, Vladimir Moskalyuk</i> Usability of AI Programming Assistants
14.15 – 15.15	<i>DEBATE MOTION: That Barbie movie is of no significant cultural value/has distorted gender values</i>
Room 207, Didlaukio g. 47 <b>December 8th, Friday</b>	
<i>SE 2 Moderator: Dominykas Gustas Kumža</i>	
12.00 – 12.30	<i>Emil Duko, Vytenis Kalinauskas, Lukas Zubavičius</i> Digital Advertisement and Effectiveness of Different Types of Ads
12.30 – 13.00	<i>Lukas Malinauskas, Augustas Kniška, Rytis Jonika</i> Data Breaches and the Hindrances They Cause
13.00 – 13.30	Round table discussion

13.30 – 13.45	Coffee/Tea Break
<i>SE 3 Moderator: Ainius Gecas</i>	
13.45 – 14.15	<i>Emilijus Kleinauskas, Benas Kučinskas</i> Vehicular Ransomware and Its' Danger to Drivers
14.15 – 14.45	<i>Paulius Morkūnas, Adelė Nedzinskaitė, Titas Rozenbergas</i> Impact of Electric Scooter Ban on Urban Road Safety in Vilnius
14.45 – 15.15	<i>Round table discussion</i>

<i>2<sup>nd</sup> week</i>	
Room 113, Naugarduko g. 24	
<b>December 11th, Monday</b>	
<i>CS 1 Moderator: Kostas Stelmokas</i>	
10.15 – 10.45	<i>Goda Gutparakytė, Tomas Baublys, Mindaugas Tolušis</i> Public Transportation or E-scooters - Efficiency Algorithm for Commuters in Vilnius
10.45 – 11.15	<i>Arminas Dobrodejevas, Mateušas Zlosnikas, Rasa Šileikytė</i> Mandatory Conscription for Everyone
11.15 – 11.45	<i>Benas, Kipras, Motiejus</i> <i>Remake - No topic</i>
11.45 – 12.00	Coffee/Tea Break
<i>SE 2 Moderator: Dovydas Podinskas</i>	
12.00 – 12.30	<i>Tomas Kazonas, Matas Sipavičius, Titas Vaitkus, Tadas Rikšas</i> Should Electronic Voting Be Implemented in Lithuania
12.30 – 13.00	<i>Mykolas Budrys, Lukas Neciunskas, Lukas Macevičius</i> Vulnerability of Autonomous Vehicles in the Times of Global Digitalization and Cyberattacks
13.00 – 13.30	<i>Round table discussion</i>
Room 207, Didlaukio g. 47	

December 12th, Tuesday	
CS 3 Moderator: <i>Kajus Zakaras</i>	
8.30 – 9.00	<i>Vėjas Bielskis, Jonas Markas Pocius, Aleksandras Balakinas</i> Understanding the Prevalence, Impact and Interventions for Digital Addiction
9.00 – 9.30	<i>Augustas Nevardauskas, Arūnas Riškovas</i> Exploring the Potential of Artificial Intelligence (AI) in Medical Diagnostics and Biomedical fields.
9.30 – 10.00	Round table discussion
10.00 – 10.15	Coffee/Tea Break
SE 5 Moderator: <i>Dovydas Girskas</i>	
10.15 – 10.45	<i>Darius Spruogis, Arnas Šniokaitis, Edgaras Burbulis</i> Youth Perceptions of AI in the Workplace
10.45 – 11.15	<i>Povilas Voveris, Rokas Makaveckas, Matas Šiaulys</i> What helps people distinguish between AI generated and real images
11.15 – 11.45	<i>Round table discussion</i>
11.45 – 13.45	Coffee/Tea Break
SE 3 Moderator: <i>Benas Kučinskas</i>	
13.45 – 14.15	<i>Karolina Mačiulevičiūtė, Augustė Buklerytė</i> The Correlation Between Socioeconomic Factors and Mental Health Across Lithuania, Sweden and Germany
14.15 – 14.45	<i>David Dževeckij, Titas Karitonas, Valdemar Kobelis</i> Sorting and Studying Cybercrime Cases
14.45 – 15.15	<i>Danielius Beržanskis, Nojus Cininas, Aidas Jurelevičius</i> Data Leaks in Apps and Websites
Room 113, Naugarduko g. 24	
December 13th, Wednesday	
CS 2 Moderator: <i>Valentinas Goris</i>	
10.15 – 10.45	DEBATE MOTION: THB that video games heavily contribute to the world's violence and violence in the world in general

10.45 – 11.45	Round table discussion
11.45 – 13.45	Coffee/Tea Break
<i>SE 5 Moderator: Mindaugas Ramonas</i>	
12.00 – 12.30	<i>Justas Drakšas, Marius Česnauskas, Nikita Savickis</i> Coparison of Estimated Time of Arrival of Navigation Apps
12.30 – 13.00	<i>Aurelijus Lukšas, Rokas Baliutavičius, Julius Jauga</i> Cyber Security Awareness Amongst Computer Science Students
13.00 – 13.30	<i>Round table discussion</i>
13.30 – 13.45	Coffee/Tea Break
<i>CS 3 Moderator: Jonas Markas Pocius</i>	
13.45 – 14.15	<i>Mykolas Aškelovičius, Linas Lendraitis</i> Data Privacy in the Age of IoT
14.15 – 14.45	<i>Tomas Galinevičius, Dovydas Čepas, Deividas Tamulis, Benas Untulis</i> Online learning efficiency
14.45 - 15.15	<i>Round table discussion</i>
Room 113, Naugarduko g. 24	
<b>December 14th, Thursday</b>	
<i>CS 1 Moderator: Mindaugas Tolušis</i>	
10.15 – 10.45	<i>Kostas Stelmokas, Lukas Užomeckas, Arminas Zibolis, Arina Katkevičiūtė</i> Value of Freedom of Speech in Educational Institutions
10.45 – 11.15	<i>Danielius Starkutis, Daniil Ananko, Andrej Plyukhin</i> Benefits and Drawbacks of Remote Work and Study
11.15 – 11.45	<i>Round table discussion</i>
11.45 – 12.00	Coffee/Tea Break
<i>SE 4 Moderator: Kostas Juškevičius</i>	
12.00 – 12.30	<i>Nojus Sandovas, Martynas Klimas</i> 5G Technology Impact on Modern City Development
12.30 – 13.00	<i>Matas Čeplinskas, Steponas Dominas, Karolis Palubinskas</i> Psychological signs of lying and the implications of it.

13.00 – 13.30	<i>DEBATE MOTION: THB that people lose their social skills because of digital addiction</i>
13.30 – 13.45	Coffee/Tea Break
<i>CS 2 Moderator: Vilius Valatka</i>	
13.45 – 14.15	<i>Marijus Daraškevičius, Lukas Jakštas, Justas Tadijošaitis</i> Impact of Exercise on Academic Performance
14.15 – 14.45	<i>Jokūbas Jurkšas, Karina Babinskaitė, Kamilė Bondarenko</i> Effects of AI on Students Productivity and Learning
14.45 – 15.15	<i>Round table discussion</i>
Room 207, Didlaukio g. 47	
<b>December 15th, Friday</b>	
<i>SE 2 Moderator: Vytenis Kalinauskas</i>	
12.00 – 12.30	<i>Andrius Šilinskas, Artiom Garbul, Linas Baužys</i> Advantages and Problems of Online Learning
12.30 – 13.30	<i>Round table discussion</i>
13.30 – 13.45	Coffee/Tea Break
<i>SE 3 Moderator: Danielius Beržanskis</i>	
13.45 – 14.15	<i>Kamilė Žemgulytė, Matas Andraitis, Jurgita Skersytė</i> Correlation between Marijuana Use, Depression and Anxiety
14.15 – 14.45	<i>Tomas Martinka, Martyna Valančiūtė, Ieva Šimkonytė</i> Optimizing Learning Models for Computer Science Students
14.45 – 15.15	<i>Round table discussion</i>