

Bachelor seminar 2025

Wednesday 15.1.2025 at 9:00 a.m.

Committee:

**Ing. Petr Benda, Ph.D. - chairman**

Ing. Vojtěch Novák, Ph.D. - vice-chairman

Ing. Stipan Čupič, Ph.D.

Ing. Jan Pavlík, Ph.D. - technical

Ing. Miroslav Brabec - alternate

No	Surname	Name	Supervisor	Program	Title of Thesis
1.	Aysan	Omer	Brabec Miroslav, Ing.	Informatics	Virtual Reality in Education
2.	Davaasuren	Saikhanbileg	Havránek Martin, Ing. Ph.D.	Informatics	Implementing secure authentication
3.	Ener	İhsan Efe	Vokoun Tomáš, Ing.	Informatics	Impact of Cyberattacks on Selected Business Sectors
4.	Ergül	Mertcan	Brabec Miroslav, Ing.	Informatics	Integration of Virtual Reality in Industry and Prototyping
5.	Grigoryev	Anatoliy	Pavlík Jan, Ing. Ph.D.	Informatics	Building a Prototype for Web Scraping of Housing Prices
6.	Houshangj	Mahdi	Novák Vojtěch, Ing. Ph.D.	Informatics	Business IoT Issues for the Automation of Residential Buildings: The Benefit of Data Collection, Data Analysis, and Decision Rules
7.	Chitii	Vladislava	Havránek Martin, Ing. Ph.D.	Informatics	Operating Systems Security
8.	Ilnytskyi	Denys	Pavlík Jan, Ing. Ph.D.	Informatics	Building a prototype for web scraping of real estate prices
9.	Mummalaneni	Sai Sreekantt	Havránek Martin, Ing. Ph.D.	Informatics	Assessing the Security Landscape of Contemporary Operating Systems
10.	Sah Teli	Muna	Stočes Michal, doc. Ing. Ph.D.	Informatics	Artificial Intelligence and Internet of Things
11.	Shitov	Nikita	Pavlík Jan, Ing. Ph.D.	Informatics	Comparative Analysis of Server-side versus Client-side Rendering
12.	Skříčka	Pavel	Novák Vojtěch, Ing. Ph.D.	Informatics	Information technology and the Green Deal
13.	Ulianova	Elizaveta	Havránek Martin, Ing. Ph.D.	Economics and Management	Security analysis of container-based deployment
14.	Chaudhary	Vivek	Lukáš Martin, Ing., Ph.D.	Informatics DP	Cloud computing in SME sector

Bachelor seminar 2025

Tuesday 21.1.2025 at 9:00 a.m.

Committee:

**doc. Ing. Jan Masner, Ph.D. - chairman**  
Ing. Martin Lukáš, Ph.D. - vice-chairman  
RNDr. Alexander Galba  
Ing. Jan Pavlík, Ph.D. - technical  
  
Ing. Stipan Čupič, Ph.D. - alternate

No	Surname	Name	Supervisor	Program	Title of Thesis
1.	Arveladze	Sofya	Masner Jan, doc. Ing. Ph.D.	Informatics	Evaluation of AI technologies for website development
2.	Bharath	Reena	Pavlík Jan, Ing. Ph.D.	Informatics	Data cleaning using machine learning.
3.	Hryhoriev	Mykhailo	Pavlík Jan, Ing. Ph.D.	Informatics	AI in Computer Games
4.	Hyka	Albi	Novák Vojtěch, Ing. Ph.D.	Informatics	Impact of data breaches on business
5.	Islam	Saiful	Brabec Miroslav, Ing.	Informatics	SECURITY OF CHATBOTS
6.	Javaid	Kamran	Masner Jan, doc. Ing. Ph.D.	Informatics	Comparative Analysis of Language Models in Extracting Responses from Vehicle User Manuals: Evaluating Accuracy and Performance
7.	Karchava	Luka	Vokoun Tomáš, Ing.	Informatics	EMI Shielding
8.	Kharshiladze	Lasha Tornike	Pavlík Jan, Ing. Ph.D.	Informatics	Using AI to analyze data from IoT devices
9.	Nguyen	Thi Hang	Lukáš Martin, Ing., Ph.D.	Informatics	information security and user's behavioral intentions
10.	Nomer	Mahmoud	Havránek Martin, Ing. Ph.D.	Informatics	Data backup and archiving
11.	Pastrana	Jimena	Jarolímek Jan, doc. Ing. Ph.D.	Informatics	Impact of Cybersecurity Breaches on the Financial Sector
12.	Soliman	Ahmed	Lukáš Martin, Ing., Ph.D.	Informatics	The Psychological and Health Dynamics of Digital Design on User Engagement
13.	Syantsikova	Daria	Brabec Miroslav, Ing.	Informatics	Detection of Propaganda on Twitter
14.	Tembo	Tom Nelson	Brabec Miroslav, Ing.	Informatics	Optimizing cloud-based machine learning models for low-latency applications
15.	Tulesenov	Yerkin	Jarolímek Jan, doc. Ing. Ph.D.	Informatics	Impact of AI on cybersecurity
16.	Turcan	Valeria	Havránek Martin, Ing. Ph.D.	Informatics	Infrastructure monitoring, implementation of security systems