

Prezentări diplome TST-PI, 8.07.2026, Sala B321

Nr	Ora	Marca	Nume și prenume student	Titlul lucrării	Titlu coord.	Nume_coord.
1	9:00 - 9:12	L6K9830	TAMAȘ D. MARK-PAUL	A comparative entropy analysis of BJT avalanche noise, SDR noise and algorithmic PRNGs.	S. I. dr. ing.	Petrița Teodor
2	9:12 - 9:24	L6K9409	STOICHIȚOIU T. L. TEODOR-GABRIEL	UWB ranging and control protocols for indoor localization using comercial at-capable modules	S. I. dr. ing.	Petrița Teodor
3	9:24 - 9:36	L6K9351	MUNTEAN V. RAUL-ADRIAN	Automotive testing using lifetime testers: case study of telematics control units	Conf. dr. ing.	Silaghi Andrei-Marius
4	9:36 - 9:48	L6K9289	GEORGIES L. V. VICTOR-ANTONIO	Off-grid residence power	S. I. dr. ing.	Ionică Cora
5	9:48 - 10:00	L6K9467	CERBU D. LARISA-DANIELA	Designing a secure network campus and simulating it using Cisco packet tracer	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
6	10:00 - 10:12	L6K9303	HERMAN L. I. ROBERT	Automated configuration of Cisco network devices using Python	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
7	10:12 - 10:24	L6K9325	LINȚA I. DARIUS-ADRIAN	Design and simulation of a local area network using Cisco packet tracer	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
8	10:24 - 10:36	L6K9326	LUCHIAN M. ALEXIA	Implementation of 5G IoT based smart buildings using VLAN configuration via Cisco packet tracer	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
9	10:36 - 10:48	L6K9334	MARCU V. DAVID	Design and implementation of a secure and scalable enterprise network using DMVPN over IPsec	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
10	10:48 - 11:00	L6K9262	DAȘCĂU I. ALEXANDRU-EDUARD	Morse code over digital RF link	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
11	11:00 - 11:12	L6K9430	TUDOR V. ROBERT-VASILE	Enterprise network design and implementation using Cisco packet tracer	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
12	11:12 - 11:24	L6K9249	CREȚESCU I. A. VLAD-MIHAIL	Design and simulation of IoT systems in Cisco packet tracer	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
13	11:24 - 11:36	L6K9171	CĂPITĂNESCU S. BOGDAN-GABRIEL	Performance analysis of three transition mechanisms between IP-V6 and IP-V4 network: dual stack.	S. I. dr. ing.	Stoloiescu-Crișan Cristina-Laura
14	11:36 - 11:48	L6K9315	IOVIȚONI V. C. RALUCA-MARIA	Contributions to the ETcTI exhibition setup. Image processing for robot object sorting actions	Conf. dr. ing.	Ionel Raul
15	11:48 - 12:00	L6K9829	CECAN O. ANTONIU-VASILE	E-commerce system with high availability kubernetes cluster on raspberry pi	As. dr. ing.	Ricman Radu-Ștefan
16	12:00 - 12:12	L6K9299	GRUIA G. F. ANNE-MARIE	LoRa technology for long-range com system with monitoring	As. dr. ing.	Ricman Radu-Ștefan
17	12:12 - 12:24	L6K9436	VEDINAȘ A. F. CRISTINA - FLORENTINA	Biomedical device for patient data monitoring	As. dr. ing.	Ricman Radu-Ștefan
18	12:24 - 12:36	L6K9427	TRUȚ D. ANDREI-DANIEL	Ultrasonic anemometer	As. dr. ing.	Ricman Radu-Ștefan
19	12:36 - 12:48	L6K9220	BRÎNDUȘAN I. D. DENIS-NATANAEL	Predicting the risk of ascites for patients with hepatic cirrhosis	Conf. dr. ing.	Simion Georgiana
20	12:48 - 13:00	L6K9312	ILIEȘ F. M. DARIUS-MIHAI	Predicting the risk of spontaneous bacterial peritonitis (SBP) in patients with cirrhosis	Conf. dr. ing.	Simion Georgiana

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21	14:30 - 14:42	L6K9277	DUMUȚA M. G. CARMEN-ALEXANDRA	Information theory's impact on secure and reliable data transmission	As. dr. ing.	Andraș Cristina-Maria
22	14:42 - 14:54	L6K9374	PIȚAN C. MĂDĂLINA-ALEXANDRA	Integration of satellite communication in 5G and 6G: NTN networks	As. dr. ing.	Andraș Cristina-Maria
23	14:54 - 15:06	L6K9322	LAZĂR F. RĂZVAN-GABRIEL	Application using ARM CORTEX-M4/M33	Prof. dr. ing.	Căleanu Cătălin-Daniel
24	15:06 - 15:18	L6K8996	TĂMAȘ A. G. TUDOR-CIPRIAN	Software hardware in loop automotive testing environment (shilate)	S. l. dr. ing.	Mărănescu Valentin
25	15:18 - 15:30	L6K9389	PĂUN M. FLAVIUS-IONUȚ	Real-time image crossfade controller	As. dr. ing.	Țecu Cristian
26	15:30 - 15:42	L6K9439	VLADU I. CRISTINA IONELA	Design and analysis of a new buck derived converter	Conf. dr. ing.	Pop-Călimanu Ioana-Monica
27	15:42 - 15:54	L6K9390	PÎNZARIU C. MIHAI	Design and control of a coupled-inductor boost-derived converter	Conf. dr. ing.	Pop-Călimanu Ioana-Monica
28	15:54 - 16:06	L6K9170	BORTEȘ S. SERGIU-GABRIEL	Game video scene analyzer - automatic recognition of scene changes in game footage	Conf. dr. ing.	Niță Valentin
29	16:06 - 16:18	L6K9207	BARBU C. SELENA-CRISTIANA	Smart home simulation using Cisco packet tracer	S. l. dr. ing.	Stoloiescu-Crișan Cristina-Laura
30	16:18 - 16:30	L6K9239	CIUTINA L. A. VLAD-IOAN	Development of a real-time vehicle diagnostics interface utilizing a dual-microcontroller architecture	S. l. dr. ing.	Stoloiescu-Crișan Cristina-Laura
31	16:30 - 16:42	L6K9402	SELETYE D. TIVADAR	Chronometer system with ESP32	S. l. dr. ing.	Mățiu-Iovan Liliana
32	16:42 - 16:54	L6K9185	OTLĂCAN G. OCTAVIAN	Measurement application for laboratory	S. l. dr. ing.	Mățiu-Iovan Liliana
33	16:54 - 17:06	L6K9437	VIDESCU P. MIHAI	Complex library management tool using a SQL database	Conf. dr. ing.	Szabo Roland
34	17:06 - 17:18	L6K9455	ȚĂRMURE I. ANDREI-DARIUS	Design and implementayion of a bidirectional DC motor control system	Conf. dr. ing.	Szabo Roland
35	17:18 - 17:30	L6K9232	CEUȚĂ T. CĂTĂLIN-REMUS	High speed simulations and measurements in automotive	Conf. dr. ing.	Silaghi Andrei-Marius
36	17:30 - 17:42	L6K9331	LĂZĂU L. S. ANDREI-DAVID	Designing and implementing a solid-state musical instrument amplifier	S. l. dr. ing.	Ionică Cora

Obs: Studenții sunt rugați să fie prezenți cu cel puțin jumătate de oră înaintea orei la care sunt programați!

Cei care au și parte practică, o vor duce în B319 și o prezintă la pauză, respectiv finalul prezentărilor.