

IPICS 2025 SUMMER SCHOOL - Novi Sad, Serbia

July, 2025

Week I - Foundations in Cybersecurity

14/07	8:45	9:15	Welcome and accreditation	
	9:15	9:30	IPICS and Summer School introduction	Danijela Boberic Krsticev
	9:30	12:00	Foundations of Cybersecurity	Luís Campos
	12:00	13:15		
	13:15	14:45	VM setup	Luís Campos
	14:45	15:15		
	15:15	17:00	Foundations of Cybersecurity Lab	Luís Campos
15/07	9:00	12:00	Theoretical Foundations of Cyber Threat Intelligence, Hunting, and Modelling for Advanced System Protection	Abdelkader Shaaban
	12:00	13:15		
	13:15	14:45	Risk management tools demonstration	Ioannis Paspatis
	14:45	15:15		
	15:15	17:00	Risk management tools demonstration	Ioannis Paspatis
16/07	9:00	12:00	Data Protection Impact Assessment	Angeliki Tsochou
	12:00	13:15		
	13:15	14:45	Data Security and Anonymity	Ioannis Paspatis
	14:45	15:15		
	15:15	17:00	Data Security and Anonymity	Ioannis Paspatis
17/07	9:00	12:00	Human Aspects of Cybersecurity: Social Engineering, Personality, and Vulnerability	Ricardo Lugo
	12:00	13:15		
	13:15	14:45	Human Aspects of Cybersecurity: Social Engineering, Personality, and Vulnerability	Ricardo Lugo
	14:45	15:15		
	15:15	17:00	Human Aspects of Cybersecurity: Social Engineering, Personality, and Vulnerability	Ricardo Lugo
	20:00		 <i>Social Dinner - Plava Franja Restaurant</i>	
18/07	9:00	12:00	An Introduction to Cryptography and Cryptocurrencies	Bart Preneel
	12:00	13:15		
	13:15	15:15	An Introduction to Cryptography and Cryptocurrencies Lab	Bart Preneel
	15:15	16:00		
	18:00	20:00	Tourist Visit - Petrovaradin fortress	
19/07	9:00	12:00	Cybersecurity Hackathon: Introduction to CTF	Stylios Karagiannis
	12:00	13:15		
	13:15	14:45	Cybersecurity Hackathon: Introduction to CTF	Stylios Karagiannis
	14:45	15:15		
	15:15	17:00	Cybersecurity Hackathon: Introduction to CTF	Stylios Karagiannis
	17:00	17:30		

Week II - Exploits & Incident Response

21/07	8:45	9:00	Welcome and accreditation	
	9:00	12:00	Anomaly detection in network traffic using ML	Danijela Boberic Krsticev
	12:00	13:15		
	13:15	14:45	Entry Point - From Digital Foot Print to Enumeration	Nuno Coelho
	14:45	15:15		
	15:15	17:00	Entry Point - From Digital Foot Print to Enumeration	Nuno Coelho
22/07	9:00	12:00	Web and system security	Christoforos Ntantogian
	12:00	13:15		
	13:15	14:45	Web and system security	Christoforos Ntantogian
	14:45	15:15		
	15:15	17:00	Web and system security	Christoforos Ntantogian
23/07	9:00	12:00	Identity and Access Analytics and Governance in the modern workspace	Ludwig Fuchs
	12:00	13:15		
	13:15	15:45	Active Enumeration and Intrusion	Nuno Coelho
	15:45	16:15		
	18:00	20:00	Tourist Visit - Sremski Karlovaci Tour	
24/07	9:00	12:00	Modern Malware Analysis Techniques and Threat Detection Strategies	Stylianos Karagiannis
	12:00	13:15		
	13:15	14:45	Hands-On Malware Analysis: Reverse Engineering and Detection with Open-Source Tools	Stylianos Karagiannis
	14:45	15:15		
	15:15	17:00	Hands-On Malware Analysis: Reverse Engineering and Detection with Open-Source Tools	Stylianos Karagiannis
	20:00		 <i>Social Dinner - Terasa</i>	
25/07	9:00	12:00	SOC Foundations and Digital Forensics: Incident Detection and Response	Rodrigo Fonseca
	12:00	13:15		
	13:15	14:45	Alerting, Reporting, and Monitoring Strategies for Cybersecurity	Vina Rompoti
	14:45	15:15		
	15:15	17:00	Alerting, Reporting, and Monitoring Strategies for Cybersecurity	Vina Rompoti
26/07	9:00	12:00	Cybersecurity Hackathon: CyberSec Pro Cyber Range	Stylianos Karagiannis
	12:00	13:15		
	13:15	14:45	Cybersecurity Hackathon: CyberSec Pro Cyber Range	Stylianos Karagiannis
	14:45	15:15		
	15:15	17:00	Cybersecurity Hackathon: CyberSec Pro Cyber Range	Stylianos Karagiannis
	17:00	17:30		