

ICPEC 2022 Schedule

2nd of June		
Paper/Events	Time	Duration
Welcome Session		
Opening Session	09:30	10m
Keynote I - Chair: Ricardo Queirós		
The Rise and Fall of Programming Languages in Education Based on Literature Analysis Jakub Swacha, Associate Professor, Faculty of Economics and Management University of Szczecin, Poland	09:40	50m
Break	10:30	20m
SESSION I (chair: José Paulo Leal)		
Program Comprehension Experiments in Programming Education Maria Medvidova and Jaroslav Porubán	10:50	25m
Learning Computer Programming: A Gamified Approach Mário Pinto and Teresa Terroso	11:15	25m
Value-Focused Investigation into Programming Languages Affinity Alvaro Costa Neto, Cristiana Araújo, Maria João Varanda Pereira and Pedro Rangel Henriques	11:40	25m
LUNCH (12:30 - 14:00)		
Visit to the 2AI Labs	14:00	45m
SESSION II (chair: Tiago Gasiba)		
Thoughts of a Post-Pandemic Higher Education in Information Systems and Technologies Francini Hak, Jorge Oliveira E Sá and Filipe Portela	14:45	25m
Introductory Programming in Higher Education: A Systematic Literature Review Gabryella Rodrigues, Ana Francisca Monteiro and António Osório	15:10	25m
Cloud of Assets and Threats: a Playful Method to Raise Awareness for Cloud Security in Industry Tiangze Zhao, Ulrike Lechner, Maria Pinto-Albuquerque and Ece Ata	15:35	25m
Integration of computer science assessment into Learning Management Systems with JuezLTI Juan V. Carrillo, Alberto Sierra, José Paulo Leal, Ricardo Queirós, Salvador Pellicer and Marco Primo	16:00	25m
End of first day	16:25	

3rd of June		
Paper/Events	Time	Duration
Welcome Session		
	09:30	10m
Keynote II - Chair: Alberto Simões		
Reflections on the Experience of Teaching CyberSecurity and Secure Software Development in the Industry Tiago Gasiba, Siemens · Department of Corporate Technology	09:40	50m
Coffee Break	10:30	20m
SESSION III (chair: Pedro Henriques)		
Feedback Systems for Students Solving Problems 2 Related to Polynomials of Degree Two or Lower Ana Breda, Eugénio A.M. Rocha, José Manuel Dos Santos Dos Santos and Luke Adrian Bayzid Gubbins	10:50	25m
WebPuppet - a Tiny Automated Web UI Testing Tool Ricardo Queirós	11:15	25m
Python Programming Topics That Pose a Challenge for Students Justyna Szydłowska, Filip Miernik, Marzena Ignasiak and Jakub Swacha	11:40	25m
LUNCH (12:30 - 14:00)		
SESSION IV (chair: Jakub Swacha)		
Sprinter: A Didactic Linter for Structured Programming Francisco Alfredo, André Santos and Nuno Garrido	14:00	25m
Programming for Non-Programmers: An Approach using Creative Coding in Higher Education Teresa Terroso and Mario Pinto	14:25	25m
A roadmap to convert educational web applications into LTI tools José Paulo Leal, Ricardo Queirós, Pedro Ferreirinha and Jakub Swacha	14:50	25m
Understanding the Usage of IT-Security Games in the Industry and its Mapping to Job Profiles Tilman Dewes, Tiago Gasiba and Thomas Schreck	15:15	25m
End of second day	15:40	