

**The 22nd International Conference on Intelligent Software Methodologies, Tools
and Techniques**
Parthenope Congress Center, Naples, Italy
September 20-22, 2023

Day 1: September, 20 2023 (Wednesday)		
8.30 – 9.15	Registration	
9.15 – 9.50	Opening Cerimony	(Room Aula Magna)
10.00 – 10.30	Coffee Break	
10.30 – 12.30	Session 1 Chair Mosè GALLO (Room B)	<p style="text-align: center;">Knowledge of language and Natural Language Processing <i>Anna Maria DI SCIULLO</i></p> <p style="text-align: center;">Optimization Techniques of Deep Learning Models for Visual Quality Improvement <i>Lorenzo PALLONI, Leonardo GALTERI and Marco BERTINI</i></p> <p style="text-align: center;">Machine Learning could be easier if all data were MNIST <i>Toshitaka HAYASHI, Dalibor CIMR, Richard CIMLER</i></p> <p style="text-align: center;">Augmented Reality coupled with deep convolution neural networks to enhance archaeological sites experience <i>Linda AJILI, Hassen LOUATI and Fetah BEN AMEUR</i></p>

12.30 – 14.00	Lunch Break	
14.00 – 15.00	Keynote Speech: Different AI approaches for time series analysis Marco POTA (Aula Magna)	
15.00 – 15.30	Coffee Break	
15.30 – 17.00	<p>Session 2 Chair Silvestro VESPOLI (Aula Magna)</p>	<p>An Automatic Test Plan Generation Approach for Automotive Software Testing <i>Yushi CAO, Yanran LI, Yon Shin TEO, Yan ZHENG , Zhexin LIANG and Shang-Wei LIN</i></p> <p>Empirical Observations on Requirements Engineering Practices in Palestine <i>Samer ZEIN, Norsaremah SALLEH and John GRUNDY</i></p> <p>Integrated approach for maintenance planning and scheduling in a Flow Shop using Deep Reinforcement Learning <i>Maria Grazia MARCHESANO, Eleonora TORTORA, Guido GUIZZI, Silvestro VESPOLI and Liberatina Carmela SANTILLO</i></p>

Day 2: September, 21 2023 (Thursday)

9.00 – 10.30	<p>Session 3 Chair Giuseppe CONVERSO (Aula Magna)</p>	<p style="text-align: center;">Bioinformatics methods for the identification of treatment response prediction markers in pancreatic cancer <i>Alessandro NASTI, Masaki MIYAZAWA, Akihiro SEKI, Tuyen Thuy Bich HO, Riei TSURUMI, Miu AWAKI, Yoshio SAKAI and Shuichi KANEKO</i></p> <p style="text-align: center;">A Literature Review on Applied AI to Public Administration: Insights from Recent Research and Real-Life Examples <i>Federico BRIATORE, Roberto REVETRIA and Anastasiia ROZHOK</i></p> <p style="text-align: center;">Identifying new physiological functions of peretinoin from RNA transcriptome analysis <i>Hikari OKADA, Riei TSURUMI, Miu AWAKI and Shuichi KANEKO</i></p>
10.30 – 11.30	<p>Keynote speech: Semi-heterarchical architectures: from decentralized production control to digital supply chains – Andrea GRASSI (Aula Magna)</p>	
11.30 – 12.00	Coffee Break	
12.00 – 13.30	<p>Session 4 Chair Hien D. NGUYEN (Aula Magna)</p>	<p style="text-align: center;">Ultimate of Digital Economy: From Asymmetric Data Economy to Symmetric Knowledge and Wisdom Economy <i>Yucong DUAN, Vuong T. PHAM, Mengmeng SONG and Hien D. NGUYEN</i></p> <p style="text-align: center;">Portfolio Optimization for Long-term Investment: An Empirical Study <i>Thuy-An PHAN-THI, Nu T. DINH, Son Huynh THANH and Binh T. NGUYEN</i></p>

		<p>Multi-agents System for Game Development through Unreal Engine <i>Quang VU, Vuong T. PHAM, Dung DINH, Hien and D. NGUYEN</i></p>
13.30 – 14.30	Lunch Break	
14.30 – 15.30	<p>Keynote Speech: Speed up the model creation in Operations Management: enhanced possibilities using AI – Roberto REVETRIA (Aula Magna)</p>	
15.30 – 16.00	Coffee Break	
16.00 – 17.30	<p>Session 5 Chair Teresa MURINO (Aula Magna)</p>	<p>Mobile Notification Service for Location-based Situational Planning: Pilot Project and Lessons Learned <i>Angelita GOZALY, Ziqiang TANG, Evgeny PYSHKIN</i></p> <p>Helping Code Reviewer Prioritize: Pinpointing Personal Data and its Processing <i>Feiyang TANG, Bjarte M. ØSTVOLD and Magiel BRUNTINK</i></p> <p>Towards Quality Assessment of OntoUML Conceptual Models using RDF and SPARQL <i>Tereza MACHACOVA and Marek SUCHANEK</i></p>
20.00	Banquet	

Day 3: September, 22 2023 (Friday)

<p>9.00 – 10.30</p>	<p>Session 6 Chair Maria Grazia MARCHESANO (Aula Magna)</p>	<p>Revolutionizing Fan Engagement in the Music Industry with Blockchain Technology Rashmi P. SARODE, Raihan KABIR, Yutaka WATANOBÉ and Subhash BHALLA</p> <p>Securing FIWARE with TEE technology <i>Luigi COPPOLINO, Roberto NARDONE, Alfredo PETRUOLO and Luigi ROMANO</i></p> <p>Multi-layer Transformer for Video Classification <i>Xing WU, ChenJie TAO, Junfeng YAO and Quan QIAN</i></p>
<p>10.30 – 11.00</p>	<p>Coffee Break</p>	
<p>11.00 - 12.30</p>	<p>Session 7 Chair Hamido FUJITA (Aula Magna)</p>	<p>Aspects of Ranking Algorithms in Multi-Criteria Decision Support Systems <i>Sebastian LAKMAYER, Mats DANIELSON and Love EKENBERG</i></p> <p>Laying Foundations for Connecting Data Stewardship Domain Ontologies <i>Jana MARTINKOVA and Marek SUCHANEK</i></p>

		<p>Enforcing Security Policies Using An Algebraic Approach <i>Honore HOUNWANOU and Mohamed MEJRI</i></p>
12.30 – 13.30	Lunch Break	
13.30 – 15.00	<p>Session 8 Chair Guido GUIZZI (Aula Magna)</p>	<p>Science-Industrial Experimental Model On Cloud Platform <i>László HORVÁTH</i></p> <p>Supply Chain Optimization through an Ontological Model: overcoming information asymmetry <i>Emma SALATIELLO, Mario VENIERO, Guido GUIZZI and Andrea GRASSI</i></p> <p>Sustainability in Chemical Production - Multi-objective Distributed Control <i>Oliver ANTONS, Tobias BENECKE, Sanaz MOSTAGHIM and Julia C. ARLINGHAUS</i></p>
15.00 – 15.30	Coffee Break	
15.30 – 16.00	Closing Cerimony	