

# APPIS2023

Las Palmas de Gran Canaria

JANUARY2023

	Monday, 23.1	Tuesday, 24.1	Wednesday, 25.1	Thursday, 26.1	Friday, 27.1
09:45-10:00	Registration				
10:00-11:30	<p><b>Invited talk – Schahram Dustdar</b>, “Learning and reasoning for distributed computing continuum ecosystems”</p> <p>11:00 – <b>M. Biehl</b>, “FDG-PET combined with LVQ and relevance learning: classification of neurodegenerative diseases and harmonization of multi-source data”</p>	<p><b>Invited talk - Alessia Saggese</b> “Cognitive Robotics: perception in the wild”</p> <p>11:00 - <b>L. Cimmino</b>, “A framework for the integration of deep learning-based emotion recognition systems in humanoid robots”</p>	<p>10:00 - <b>M. Aiello</b>, “A Roadmap for Automated Service Composition”</p> <p>10:30 - <b>H.H.Htun</b>, “Machine Learning-Based Forecasting for Excess Returns of S&amp;P 500 Stocks”</p> <p>11:00 - <b>G. Gillani</b>, “Opportunities for Energy-efficient Intelligent Systems by Leveraging Systematic Approximations”</p>	<p><b>Invited talk - Pedro Galindo</b> Automatic welding in ship building using artificial vision</p> <p>10:50 - <b>M. Li</b>, “Stripe Noise Removal in Scanning Probe Microscopy”</p> <p>11:15-11:40 - <b>L. Sánchez-González</b>, “AnimApp, a mobile app to detect animals in natural environments”</p>	<p>10:00 - <b>S. Kalitzin</b>, “Autonomous system for adaptive real-time detection of convulsive seizures”</p> <p>10:30 - <b>S. Karpuzov</b>, “Detection and quantification of non-periodic high amplitude movements from camera feed for infant care”</p> <p>11:00 – <b>A. Petkov</b>, “Reconstruction and removal of the infant’s crib rotation from video frames to allow for vital signs detection”</p>
11:30-12:00	<b>Coffee break</b>				
12:00-13:30	<p>12:00 - <b>M. Biehl</b>, “The statistical physics approach to the theory of learning”</p> <p>12:30 - <b>F. Richert</b>, “Phase transition classification of activation functions in off-line learning”</p> <p>13:00 - <b>N. Fabiano</b>, “Data Protection and Privacy Relationships Model (DAPPREMO)”</p>	<p>12:00 - <b>A. B. D. van Doorn</b>, “2prescribe as Online Educational &amp; Research Platform for Rational Prescribing with Support of Ai/Machine-Learning Methods”</p> <p>12:30 - <b>A. Vasco</b>, “Authorship identification in text documents using BERT and POS features”</p> <p>13:00 - <b>A. Vasco</b>, “Multi-label Text Classification Approach for User Profiling in Chat Messages”</p>	<p>12:00 - <b>A. Martínez</b>, “Smishing detection: recognition of URLs from SMS screenshots”</p> <p>12:30 – <b>A. Martínez</b>, “Spam campaigns detection using agglomerative clustering”</p> <p>13:00 - <b>A. Vasco</b>, “Age and gender estimation from speech to support the detection of Child Sexual Abuse Material”</p>	<p>12:00 - <b>J.Norden</b>, “Classification in the Space of Structurally Identifiable Parameter Combinations”</p> <p>12:30 - <b>H. Unger</b>, “Learning User Preferences Using Co-Occurrence Graphs”</p> <p>13:00 - <b>T. Böhme</b>, “A naive approach to artificial intelligence”</p>	<p><b>Invited talk - Danilo Mandic</b>, “Hearables: Enabling Technologies for Lifelong Learning in E-Health”</p> <p>12:40 - <b>E. L. van den Brandhof</b>, “Time-Series Analysis of EMG and ACC Measurements – A Machine Learning Approach in Diagnosing Hyperkinetic Movement Disorders”</p> <p>13:05 - <b>M. H. Faezi</b>, “Multi-dimensional astronomical source segmentation”</p> <p>13:30 - Closing</p>
	<b>19:00 Welcome drink at Terraza Elder</b>		<b>20:30 Conference dinner at Restaurant La Marinera</b>	<b>15:00-17:00 Social event</b>	