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