

FTAL 18 - Industrial Applied Data Science - Selected Submissions

Author	UAS	TYPDOC	TOPIC	TITLE
Schneider Timan	BFH	poster	Energy and Environment	Model based SOH estimation of a LTO/NMC Battery
Robadey Jacques	HES-SO (HEIA-FR)	poster	Energy and Environment	Numerical Analysis of an innovative PCM Storage System, based on climatic data and experimental measurements
Durrer Roman	HSLU	poster	Energy and Environment	Valorisation of smart grid monitoring data
Antonioli Mantegazzini E	SUPSI	poster	Energy and Environment	BLOCKCHAIN TECHNOLOGY AND DECENTRALIZED ELECTRICITY PRODUCTION AND TRADING: TOWARDS A PEER-TO-PEER MARKET?
Ureta Ivan	SUPSI	poster	Energy and Environment	Automatic Keyword Extraction from Discourses to Improve Risk Perception, Scenario Planning and Decision-Making Processes
Danesi Serena	ZHAW	poster	Energy and Environment	Thermo-chemical district networks
Albertetti Fabrizio	HES-SO (HE-Arc))	poster	Industry, Production and	Analytics in Industry 4.0: Improving Business Processes with Process
Rychener Lorenz	HES-SO (HEIA-FR)	poster	Industry, Production and Logistics	BIOSMART ? Optimization Software for Biomaterial Packaging of Food
Stoll Oliver	HSLU	poster	Industry, Production and Logistics	Data-to-action in a product service system environment ? lessons learnt from a hackathon
West Shaun	HSLU	poster	Industry, Production and Logistics	Understanding Wicked Problems to build Smart Solutions

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Patuzzo Fabrizio	SUPSI	poster	Industry, Production and Logistics	Visualization Techniques Applied to a Convolutional Network for Robot Navigation
Livolsi Dominic	SUPSI	poster	Industry, Production and Logistics	Innovation management for the development of Smart Services
Gitardi Diego	SUPSI	poster	Industry, Production and Logistics	Dynamic modelling of industrial robots performing Cold Spray processes
Banfi Michele	SUPSI	poster	Industry, Production and Logistics	Data extraction methods applied to automated liquid penetrant inspection
Giordano Silvia	SUPSI	poster	Industry, Production and Logistics	Big data and complex networks approaches drive environment-aware advisory in new products development
Arnold Marek	ZHAW	poster	Industry, Production and Logistics	Fully Convolutional Neural Networks for Newspaper Article Segmentation
Siyahhan Bercan	ZHAW	poster	Industry, Production and Logistics	Experimental Parameter Study on Powder Coating Metal Plate Substrates
Taranova Anastasia	ZHAW	poster	Industry, Production and Logistics	Learning from User Clicks on Information Retrieval Ranked Lists
Huber Patrick	HSLU	poster	Industry, Production and Logistics, Energy and	NILM for the Industrial Sector
Meier Benjamin	ZHAW	poster	Industry, Production and Logistics	Hierarchical Perceptual Grouping by using Neural Networks Ent-to-End
Brunner Thomas	BFH	poster	Industry, Production and Logistics, Life Sciences and	Consumers' Acceptance of the 3D-Printing Technology in Food
Hahn Heiko	FHO (FHSG)	poster	Life Sciences and Healthcare	Predicting Sleep Apnea Events from ECG Sensor Data: Evaluation of Deep Learning Approaches
Vor Der Brück Tim	HSLU	poster	Life Sciences and Healthcare	Efficient GPU-based Eczema Segmentation with SVMs
Pfäffli Daniel	HSLU	poster	Life Sciences and Healthcare	Deep Neural Modeling
Mangili Francesca	SUPSI	poster	Life Sciences and Healthcare	Machine Learning for Real-Time Analysis of Reader Attention by Facial Expression and Eye Tracking Data

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Samuel Poretti	SUPSI	poster	Life Sciences and Healthcare	Microwave tomograph for medical application
Bliven Spencer	SUPSI	poster	Life Sciences and Healthcare	Designing novel peptide-binding proteins from armadillo repeat proteins
Herzog Lisa	ZHAW	poster	Life Sciences and Healthcare	Stroke detection using convolutional neural networks
Rohrbach Janick	ZHAW	poster	Life Sciences and Healthcare	Arthritis Net: Automatic bone erosion scoring for rheumatoid
Murina Elvis	ZHAW	poster	Life Sciences and Healthcare	Are you serious? Probabilistic Modelling in Deep Neural Networks