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News:

[2023/05/01] Kick-start of the European project AIMS5.0 (Artificial Intelligence in Manufacturing leading to Sustainability and Industry5.0). Prof. Susto will act as National coordinator.

[2023/03/30] Our special issue on 'Intelligent Control and Optimisation' has been published in Engineering Applications of Artificial Intelligence

[2023/01/01] Kick-start of the PNRR project MICS (Made in Italy Circolare e Sostenibile)

[2022/09/05] Final event of the VIR2EM project took place at Galdi village.

[2022/09/01] Kick-start of the PNRR projects MOST (Centro Nazionale per la Mobilità Sostenibile) and iNest (Interconnected Nord-Est Innovation Ecosystem)

[2021/11/04] Seminar 'Space-Level AI for Monitoring Infrastructure Networks' recording is available at:
https://unipd.zoom.us/rec/share/bDSGUT3-AyxYdqVXPC9KjXT5JahXHHz7oQZX2_5Ty2jT1rWJ107z pXCXVF0w55VE.SrHhgqrNmhtOXCJy Passcode: H0.*B+qX

[2021/08/11] Our paper D. Marcato, G. Arena, D. Bortolato, F. Gelain, V. Martinelli, E. Munaron, M. Roetta, G. Savarese, G.A. Susto. *Machine Learning-based Anomaly Detection for Particle Accelerators* won the IEEE CCTA Best Student Paper Award.

[2021/05/30] We are looking for two post-doctoral/post-graduate researchers: more information available here

[2021/05/03] The call for papers 'Advances in Machine Learning and AI for Intelligent Control and Optimisation' for the Engineering Applications of Artificial Intelligence is now open for submission

[2021/04/25] The call for papers 'Process-Level Machine Learning Applications in Semiconductor Manufacturing' for the IEEE Transactions on Semiconductor Manufacturing is now open for submission

[2021/03/25] Our paper Neural Feature Selection for Learning to Rank in collaboration with Apple Research was presented at ECIR. Press release by Apple: https://machinelearning.apple.com/research/neural-feature-selection

[2021/03/24] Our paper Fabris, A., Purpura, A., Silvello, G., & Susto, G. A. (2020). Gender stereotype reinforcement: Measuring the gender bias conveyed by ranking algorithms. Information Processing & Management, 57(6), 102377 was awarded the IP&M 2020 Ph.D Paper Award

[2021/02/09] Our work 'Adversarial training reduces information and improves transferability' was presented ath the prestigious AAAI2021

[2020/12/22] The VIR2EM project was funded for a total of 2M euros: in the project, lead by University of Padova, will develop Machine Learning-based solutions for the Industrial IoT

[2019/11/25] Winner of the Best Industry Paper Award at 15th European Workshop on Advanced Control and Diagnosis, ACD 2019 with the paper G. Zambonin, F. Altinier, A. Beghi, L.D.S. Coelho, T. Girotto, M. Rampazzo, G. Reynoso-Meza, G.A. Susto. *Data-Driven Models for the Determination of Laundry Moisture Content in a Household Laundry Treatment Dryer Appliance*.