Day 1 - Monday, 13 October 2025

08:00-16:00 AAP Workshop

10:00-10:30 Coffee Break 10:30-12:00 Paper presentation 10:30-10:45 Canonical Time Series Features for Pain Classification by Sai Revanth Reddy Boda et al. When Features Matter More than Sequence: A Case for Tabular In Context Learning in Pain Classification by Richard A. A. Jonker et al. Feel the Pain: An Interpretable Multimodal Approach for Physiological Signal-Based Pain Detection by Tahia Tazin et al. Tiny-BioMoE: a Lightweight Embedding Model for Biosignal Analysis by Stefanos Gkikas et al. The Al4Pain Grand Challenge 2025: Advancing Pain Assessment with Multimodal Physiological Signals by Raul Fernandez Rojas et al. PainXtract: A Multimodal System for Multiclass Pain Classification Using Physiological Signals by Anup Kumar Gupta et al. Lunch break 13:30-13:30 Lunch break 13:30-13:45 Paper presentation A Multimodal Deep Learning Exploration for Pain Intensity Classification by Javier Orlando Pinzon-Arenas et al. Explaining Pain by Combining Deep Learning Models and Physiology-Driven Ensembles using PPG, EDA, and Respiration by Miguel Javierre et al. EnsembleIQ-Pain: Intelligent Cluster Calibration for Personalized Pain Detection by Rupa Agarwal et al. Painthenticate: Feature Engineering on Multimodal Physiological Signals by Sajeeb Datta et al. 14:30-15:00 Coffee Break Investigation into Unimodal Versus Multimodal Pain Recognition from Physiological Signals by Anis Elebiary et al. Efficient Pain Recognition via Respiration Signals: A Single Cross-Attention Transformer Multi-Window Fusion Pipeline by Stefanos Gkikas et al. Multi-Representation Diagrams for Pain Recognition: Integrating Various Electrodermal Activity Signals into a Single Image by Stefanos Gkikas et al.	09:00	Opening: Zakia Hammal, Steffen Walter, and Nadia Berthouze		
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