

1. Record Nr.	UNINA9910770262003321
Autore	Ifrim Georgiana
Titolo	Advanced Analytics and Learning on Temporal Data : 8th ECML PKDD Workshop, AALTD 2023, Turin, Italy, September 18–22, 2023, Revised Selected Papers // edited by Georgiana Ifrim, Romain Tavenard, Anthony Bagnall, Patrick Schaefer, Simon Malinowski, Thomas Guyet, Vincent Lemaire
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2023
ISBN	9783031498961
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (315 pages)
Collana	Lecture Notes in Artificial Intelligence, , 2945-9141 ; ; 14343
Altri autori (Persone)	TavenardRomain BagnallAnthony SchaeferPatrick MalinowskiSimon GuyetThomas LemaireVincent
Disciplina	006.3
Soggetti	Artificial intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Human Activity Segmentation Challenge -- Human Activity Segmentation Challenge@ECML/PKDD'23 -- Change points detection in multivariate signal applied to human activity segmentation -- Change Point Detection via Synthetic Signals -- Oral Presentation -- Clustering time series with k-medoids based algorithms -- Explainable Parallel RCNN with Novel Feature Representation for Time Series Forecasting -- RED CoMETS: an ensemble classifier for symbolically represented multivariate time series -- Deep Long Term Prediction for Semantic Segmentation in Autonomous Driving -- Extracting Features from Random Subseries: A Hybrid Pipeline for Time Series Classification and Extrinsic Regression -- ShapeDBA: Generating Effective Time Series Prototypes using ShapeDTW Barycenter Averaging -- Poster Presentation -- Temporal Performance Prediction for Deep Convolutional Long Short-Term Memory Networks -- Evaluating

Explanation Methods for Multivariate Time Series Classification --  
tGLAD: A sparse graph recovery based approach for multivariate time  
series segmentation -- Designing a New Search Space for Multivariate  
Time-Series Neural Architecture Search -- Back to Basics: A Sanity  
Check on Modern Time Series Classification Algorithms -- Do Cows  
Have Fingerprints? Using Time Series Techniques and Milk Flow Profiles  
to Characterise Cow Behaviours and Detect Health Issues -- Exploiting  
Context and Attention with Recurrent Neural Network for Sensor Time  
Series Prediction -- Rail Crack Propagation Forecasting Using Multi-  
horizons RNNs -- Electricity Load and Peak Forecasting: Feature  
Engineering, Probabilistic LightGBM and Temporal Hierarchies -- Time-  
aware Predictions of Moments of Change in Longitudinal User Posts on  
Social Media.

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#### Sommario/riassunto

This volume LNCS 14343 constitutes the refereed proceedings of the  
8th ECML PKDD Workshop, AALTD 2023, in Turin, Italy, in September  
2023. The 20 full papers were carefully reviewed and selected from 28  
submissions. They are organized in the following topical section as  
follows: Machine Learning; Data Mining; Pattern Analysis; Statistics to  
Share their Challenges and Advances in Temporal Data Analysis. .

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