S+SSPR 2026 Schedule

Version 1.0 (Final)

Time	Monday, August 24	Tuesday, August 25	Wednesday, August 26
08:00	Registration and Welcome Coffee		
08:15			
08:30	Welcome Speech		
08:45			
09:00	Session 1: Francisco Escolano and Ahmed Begga (Speaker: Luca Rossi) **Dirichlet Machines**	Session 4: Manuele Bicego, Alberto Azzari, Carlo Combi, Andrea Cracco and Pietro Sala **Evaluating Random Forest measures for distance-based classification of time series**	Session 7: Clément Glédel, Benoit Gaüzère and Paul Honeine **Machine Learning Without the Pre-image Problem Thanks to Normalizing Flows**
09:15			
09:30	Xinyu Yuan and Jianjia Wang **HybridEigenLoRA: Depth-Adaptive Spectral Correction for Deep GCNs**	Wojciech Ptas and Krzysztof Siminski **Fighting Data Scarcity: Weighted Three Way Decision Cascade Classifiers**	Andreas Schlapbach **Orthogonality and Dimensionality in Airline Cluster Analysis using PCA and Kernel PCA**
09:45			
10:00	Natàlia Segura-Alabart, Jean-Philippe Lemoine and Francesc Serratosa **RegFidelity: A measure of the Interpretation quality for GNNs applied to Graph Regression**	Mauricio Orozco-Alzate et al. **Analysis of elastic distances for distance-based classification of volcano seismic events**	Bruno Maia et al.: **Beyond Single-Space Representation: Adaptive Multi-View Neighborhood Retrieval for Tabular Learning**
10:15			
10:30	Coffee Break	Coffee Break	Coffee Break
10:45			
11:00	Session 2: Aysylu Gabdulkhakova, Jiří Hladůvka and Walter Kropatsch **True egg-shapes**	Session 5: El-Mehdi Chakour, Rostom Kachouri and Mohamed Akil **A Lightweight Hybrid CNN-Biomarker Fusion Framework for Explainable Glaucoma Detection**	Session 8: Chaoqi Zhang, Kun Liu and Jianjia Wang **Urban Functional Partition Based on Quantum Walk and Graph Convolutional Network**
11:15			
11:30	Zaineb Ibork and Akihiro Sugimoto **Graph-Structural and Topological Features for 3D Mesh Saliency**	Michela Gravina, Pierluigi Montieri, Giuseppe Pontillo, James Cole and Carlo Sansone **Probing Subject-Level Attributes in Brain Age Prediction Models**	Benjamin Fankhauser, Vidushi Bigler and Kaspar Riesen **Graph Representation Matters: Structure Analysis in Swiss River Networks**
11:45			
12:00	Mathias Oehmen, Xiaoyi Jiang and Walter Kropatsch **Generalized Conic Fitting for Interpretable Shape Representation with Applications to Biomedicine**	Natàlia Segura-Alabart, Francesc Serratosa and Sonia Alfonso-Rivero **Database augmentation for SARS-CoV-2 Mpro Binding-affinity Prediction**	Barnabás Holicza, Zsombor Lányi and Attila Kiss **Enhancing Long-Tail Event Detection in Autonomous Driving Using XAI-Guided Graph Clustering**
12:15			
12:30	Lunch break on site in the “Haus der Universität”; included in the conference fee.	Lunch break on site in the “Haus der Universität”; included in the conference fee.	Sandwich Lunch (to take away)
12:45			
13:00			Conference End
13:15			
13:30			
13:45			
14:00	Session 3: Hamza Yazbeck, Marco Peer and Andreas Fischer **Generating Synthetic Data with Diffusion Models for Writer Identification**	Session 6: Alexis Imbert, Benoit Gaüzère, Sylvain Takerkart and Paul Honeine **On the Predictability of Graph Structure from Node Features**	
14:15			
14:30	Wei Xu, Xiaoyi Jiang and Lixiang Xu **MAPTTA: Metamer-based Attribute Patching for Test-Time Augmentation in GNNs**	Lingfeng Zhang, Alessandro Bicciato, Luca Cosmo, Giorgia Minello, Andrea Torsello and Luca Rossi **A Graph Transformer for Node Classification with Gated Structural Attention**	
14:45			
15:00	Coffee Break	Maximilian Limmer and Nils Kriege **On the Complexity of Graph Edit Distance in Restricted Graph Classes**	
15:15			
15:30	Keynote 1: **Christopher Morris** Which algorithms can graph neural networks learn?	Coffee Break	
15:45			
16:00		Keynote 2: **Bernhard Schölkopf** From language models to causal world models: A tale of spurious correlations	
16:15			
16:30	**Welcome Reception** on site in the “Haus der Universität”	**Group Photo**	
16:45			
17:00		**Walk** through **Bern’s UNESCO World Heritage** Old Town: from Käfigturm and Bundesplatz to the Zytglogge, Einsteinhaus, the Münsterplattform, then to the BärenPark, **ending at Restaurant Rosengarten**. The route is about **3 km** and takes roughly **1.5–2 hours** at a very relaxed pace, with plenty of time to stop, enjoy the views, and take pictures. Start in front of the “Haus der Universität” directly after the group photo.	
17:15			
17:30			
17:45			
18:00		**Conference Dinner** at Restaurant Rosengarten: https://www.rosengarten.be	
18:15			
18:30			
18:45			
19:00			
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ID	Session	Session Chair
1	Spectral and Structural Graph Neural Networks	Andreas Fischer
2	Shape, Geometry, and Topological Representation	Benoit Gaüzère
3	Adaptive Augmentation and Open-World Perception	Luca Rossi
4	Distance-Based and Uncertainty-Aware Classification	Walter Kropatsch
5	Biomedical and Molecular Representation Learning	Francesc Serratosa
6	Understanding Graph Structure and Graph Similarity	Kostas Sechidis
7	Latent Spaces, Multi-View Retrieval, and Clustering	Andrea Torsello
8	Graph-Based Analysis of Spatial and Networked Systems	Xiaoyi Jiang

Presentation Information

The presentations will be organized in **sessions of three speakers** under one t**hematic umbrella**.
Sessions with three speakers will last **90 minutes.**
Each **speaker** will have a **total** slot of **30 minutes**, including the **presentation**, **questions**, **discussion**, and **speaker change**. Please plan for a talk of 20–25 minutes, followed by 5–10 minutes of questions and discussion. The limit of 25 minutes for the talk is strict.
Presentations can be given as **PDF files**, which we prefer, or as **PowerPoint** presentations.
You may either use your **own notebook** or bring your presentation on a **USB stick.**
Please **check** your **presentation before** your **session**, preferably during one of the coffee or lunch breaks.
Before the **session** starts, please briefly **meet the session chair** so that they know you are present and ready to give your talk.