

## Conference Schedule

8:00	<div>Registration &amp; Breakfast</div> <div>8:00 - 9:00</div> <div>14 July, 2025</div>	<div>Registration &amp; Breakfast</div> <div>8:00 - 8:45</div> <div>15 July, 2025</div>	<div>Breakfast</div> <div>8:00 - 9:00</div> <div>16 July, 2025</div>
8:45		<div>Keynote 2: Dr. Laura Heels</div> <div>8:45 - 9:45</div> <div>15 July, 2025</div> <div><a href="#">Info</a></div>	
9:00	<div>Introduction &amp; Graham</div> <div>Welcome to USB</div> <div>9:00 - 9:15</div> <div>14 July, 2025</div>		<div>Tutorial 2: Neo4j</div> <div>9:00 - 12:00</div> <div>16 July, 2025</div> <div><a href="#">Info</a></div>
9:15	<div>Keynote 1: Prof. Jim Webber</div> <div>9:15 - 10:15</div> <div>14 July, 2025</div> <div><a href="#">Info</a></div>		
9:45		<div>Coffee Break</div> <div>9:45 - 10:15</div> <div>15 July, 2025</div>	
10:15	<div>Coffee Break</div> <div>10:15 - 10:45</div> <div>14 July, 2025</div>	<div>Query Answering and Education</div> <div>10:15 - 11:45</div> <div>15 July, 2025</div> <div><div>1. <b>Tidenek Fekadu Kore</b> , David Sarrimia, Myoung-Ah Kang and Francois Pinet: "Towards Sustainable DBMS: A Framework for Real-Time Energy Estimation and Query Categorization"</div><div>2. <b>Banan Alkhateeb</b> and Ellis Solaiman: "Context-Aware Visualization for Explainable AI"</div></div>	
10:45	<div>Language and Models</div> <div>10:45 - 12:15</div> <div>14 July, 2025</div> <div><div>1. Shohaib Shaffiey and</div></div>		

	<p><b><u>Peter Revesz</u></b> :</p> <p><i>"Generative Adversarial Networks Reveal Relationship of the Carian, Elder Futhark, Old Hungarian and Orkhon Scripts"</i></p> <p>2. <b><u>Eman Alamoudi</u></b> and Ellis Solaiman: <i>"EHSAN: Leveraging ChatGPT in a Hybrid Framework for Arabic Aspect-Based Sentiment Analysis in Healthcare"</i></p> <p>3. <b><u>Michael Mason</u></b> , Sam Kirchner and Carter Powell: <i>"Automated Glyph Feature Detection Using Convolutional Neural Networks"</i></p> <p>4. <b><u>Hissah Almousa</u></b> and Ellis Solaiman: <i>"A Vision for Robust and Human-Centric LLM-Based QR Code Security"</i></p>	<p><i>Recommendations in Social Media: A Vision for User-Aligned Explanations"</i></p> <p>3. <b><u>Maryam Mosleh</u></b> , Ellis Solaiman and Marie Delvin: <i>"Transparent Adaptive Learning via Data-Centric Multimodal Explainable AI"</i></p> <p>4. <b><u>Vanessa Meyer</u></b> , Lena Wiese and Ahmed Al-Ghezi: <i>"Analyzing Student Feedback to Assess NoSQL Education"</i></p>	
11:45		<p><b>Lunch Break</b> 11:45 - 12:45 15 July, 2025</p>	
12:00			<p><b>Lunch Break</b> 12:00 - 13:00 16 July, 2025</p>
12:15	<p><b>Lunch Break</b> 12:15 - 13:15 14 July, 2025</p>		
12:45			
13:00		<p><b>Tutorial 2: Prof. Mario Nascimento + Coffee Break (2:30pm)</b> 12:45 - 16:45 15 July, 2025 <a href="#">Info</a></p>	
13:15	<p><b>Classification</b> 13:15 - 15:15 14 July, 2025</p> <p>1. and <b><u>Alexander Stahl</u></b> : <i>"Exploring Classification with Spectral Transformation"</i></p> <p>2. Despina Tawadros, Wenhui Yang, Lena Weise and <b><u>Vanessa Meyer</u></b> : <i>"Optimizing Classification Accuracy with Simulated Annealing in k-Anonymity"</i></p> <p>3. Selahattin Barış Çelebi, Ammar Aslan and Mutlu Canpolat: <i>"Predicting Gelation in Copolymers Using Deep Learning through a Comparative Study of ANN, CNN, and LSTM Models with SHAP</i></p>		<p><b>Data Mining</b> 13:00 - 14:30 16 July, 2025</p> <p>1. <b><u>Peter Revesz</u></b> and Mohanendra Siddha : <i>"Data Mining for Language Superfamilies Using Congruent Sound Groups"</i></p> <p>2. Joslin Ishimwe, Adrian Ratwatte and Prince Ngiruwonsanga: <i>"Computational Decipherment and Cross-Linguistic Analysis of Linear A, Linear B, and Swahili"</i></p> <p>3. Harsh Tamkiya, Gunjit Agrawal, Chiradeep Debnath and <b><u>Peter Revesz</u></b> : <i>"Automated Identification of Allographs among the Indus Valley Script Signs"</i></p>

14:30	<div>Explainability"</div> <div>4. Mehdi Rabiee, Sergio Greco, Reza Shahbazian and <b>Irina trubitsyna</b> : "A Total Variation Regularized Framework for Epilepsy-Related MRI Image Segmentation"</div> <div>5. Mary Dufie Afrane, Yao Xu and <b>Lixin Li</b> : "Enhancing Flight Delay Prediction with Network-Aware Ensemble Learning"</div>		<div></div> <div>Coffee Break</div> <div>14:30 - 15:00</div> <div>16 July, 2025</div>
15:00			<div>Industrial Panel</div> <div>15:00 - 16:00</div> <div>16 July, 2025</div> <div><a href="#">Info</a></div>
15:15	<div>Coffee break</div> <div>15:15 - 15:45</div> <div>14 July, 2025</div>		
15:45	<div>Distributed Systems</div> <div>15:45 - 17:00</div> <div>14 July, 2025</div>		
16:00	<div>1. <b>Kasra Mojallal</b> , Ali Abbasi Tadi and Dima Alhadidi: "FedMod: Vertical Federated Learning Using Multi-Server Secret Sharing"</div> <div>2. <b>Ye Liu</b> , Paul Ezhilchelvan, Yingming Wang and Jim Webber: "Throughput-Driven Database Replication Using a Ring-Based Order Protocol"</div> <div>3. <b>Edvan Soares</b> and Valeria Times: "Blockchain-Backed Fuzzy Search for Semi-Structured Translation Data: A Scalable Hybrid Approach with Hyperledger Fabric and Elasticsearch"</div>		<div>Closing Remarks</div> <div>16:00 - 17:00</div> <div>16 July, 2025</div>
16:45			
17:00		<div>Social Dinner</div> <div>17:00 - 19:00</div> <div>15 July, 2025</div> <div><a href="#">Info</a></div>	