

Data Analytics

2nd Annual Student Research Project Conference

SRPConf2018

Thursday 06.12.2018

09:00 - 18:00

Timotheuskirche Saal

Samelsonplatz

Students will introduce the projects and report on the progress they have achieved since the last presentation. Each presentation will be **15 minutes** followed by a **10~15 minute** discussion and feedback.

Students, colleagues, employees from companies and the interested public are heartily welcome!

9:00 - 9:10	<p style="text-align: center;">Welcome <i>(Prof. Dr. Dr. Lars Schmidt-Thieme)</i></p>
<p>Session 1 : Reinforcement Learning <i>Session Chair: Rafael Rego Drumond</i></p>	
9:10 - 9:35	<p style="text-align: center;">Reinforcement Learning for Autonomous Driving Team: Syed Khalid Ahmed, Migena Mana, Abdul Malik, Nikhil Cherian Supervisor: Hadi Samer Jomaa</p>
9:35 - 10:00	<p style="text-align: center;">Deep Reinforcement Learning for Games Team: Benison Sam, Ankit Singh, Fatai Oyadeyi, Harish Jadhav, Fardin Ataie Supervisor: Shayan Jaweed</p>
10:00 - 10:25	<p style="text-align: center;">Multi-Agent Exploration with Deep Reinforcement Learning Team: Benjamin Hogstad, Michael Ruchte, Krithika Murugesu, Mohana Ventekatesha, Ramya Raghuraman Supervisor: Hadi Samer Jomaa</p>
10:25 - 10:50	<p style="text-align: center;">Application of autonomous driving using FPGA to accelerate the Inference Team: Naveenkumar Joshi, Yakub Hafazoglu, Andre Jatmiko Wijaya, Pedram Babakhani, Mehran Amiri Supervisor: Josif Grabocka</p>
<p>30-minute break</p>	
<p>Session 2 : Time Series Analysis and Forecasting <i>Session Chair: Hadi Samer Jomaa</i></p>	
11:20 - 11:45	<p style="text-align: center;">Algorithmic Trading Team: Riccardo Lucato, Yang Qi, Eduardo Rocha, Marina Gavriljuk, Edgar Jimenez Supervisor: Rafael Rego Drumond</p>
11:45 - 12:10	<p style="text-align: center;">Emotion Classification</p>

	<p>Team: Artem Fedoskin, Sutthida Neamsup, Arooba Khokhar, Ekaterina Shcheglakova, Luis Alberto Barradas Chacon Supervisor: Ahmed Rashed</p>
12:10 - 12:35	<p>A Dual Stage Attention Using Deep Learning For Sales Forecasting Team: Mohammad Parsa Mohammadian, Vusal Isayev, Syed Ahmed Husaini, Abdullah Al Foysal, Sahabzada Faaizuddin Qadri Supervisor: Ahmed Rashed</p>
12:35 - 13:00	PROJECT PITCHES
<p>1-hour Poster Session (Lunch break)</p>	
<p>Session 3 : Large Scale Machine Learning Problems <i>Session Chair: Ahmed Rashed</i></p>	
14:00 - 14:30	<p>An Efficient Model for The Prediction And Optimization of Energy Consumption using Deep Learning Team: Aaqib Ali, Khushboo Kumari, Alda Cypi, Muhammad Ahsan, Nazeer Basha Shaik Supervisor: Mohsan Jameel</p>
14:30 - 14:55	<p>Large-Scale Dynamic Machine Learning Workflow Team: Danyal Javeed, Rohith Kumar, Saikiran, Edris, Vijit Mehroratra Supervisor: Mohsan Jameel</p>
14:55 - 15:20	<p>3d model reconstruction from 2d images Team: Mohi Uddin Faruq, Kiran Madhusudhanan, Jerson Leandro Muñoz Giraldo, Saurabh Pradhan Supervisor: Hadi Samer Jomaa</p>
<p>20-minute break</p>	
<p>Session 4 : Supervised Classification Approaches <i>Session Chair: Randolph Scholz</i></p>	
15:40 - 16:05	<p>Prediction and Classification with Multi-Task Setups Using Satellite Image Data Team: Daniel Pototzky, John Rothman, Nabeel Nadeem Janjua, Miika Kolu, Florian Pal Supervisor: Josif Grabocka</p>
16:05 - 16:30	<p>Tumor classification based on MR Images of the Brain Team: Lucky Okehigbemen, Glaucileine Vieira, Nazmus Sakib Supervisor: Josif Grabocka</p>
16:30 - 16:55	<p>End-to-End Motion Classification with Smartwatch Sensor Data Team: Torben Windler, Valerie Chikukwa, Muhammad Usman Syed, Tamara Belostotskaya, Junaid Ahmed Ghaur Supervisor: Rafael Rego Drumondi</p>
<p>Closing Remarks</p>	