



Summer School "Big Data and Business: Methods, Technologies and Innovation"
16th - 21st July 2017, Frauenchiemsee, Bavaria

Monday 17th July

09:00 – 10:00	Prof. Dr. Benno Stein (Bauhaus-Universität Weimar)	"Societal Challenges of Information Retrieval"
10:00 – 11:00	Roland Wossidlo (Atos) Ulrich Häring (Atos)	Presentation of Atos "To the Cloud and Beyond - Identity and Access Management of the future" (part 1)
11:00 – 11:30	<i>Coffee break</i>	
11:30 – 12:30	Ulrich Häring (Atos)	"To the Cloud and Beyond - Identity and Access Management of the future" (part 2) Open discussion
12:30 – 14:00	<i>Lunch</i>	
14:00 – 14:30	Mathieu Garchery (Atos / Univ. Passau)	"Identity and Access Management for the Internet of Things: an error detection and correction perspective"
14:30 – 15:00	Ghaieth Barhoumi (Atos / Univ. Passau)	"Risk Level Evaluation Using Deep Learning and Audit Data"
15:30 – 16:00	Ulrich Häring	Wrap up – Conclusion on research activities at Atos
16:00 – 16:30	<i>Coffee break</i>	
16:30 – 17:30	Dr. Marc Duranton (CEA - French Alternative Energies and Atomic Energy Commission)	"Bringing intelligence to the edge"
17:30 – 18:15	Johannes Jurgovsky (Univ. Passau)	"Sequence Classification for Credit-card Fraud Detection"
18:30 – 19:30	<i>Dinner</i>	
19:30 – 20:45	Dr. Hubert Tardieu (Atos CEO Advisor)	"Journey 2020 - Digital Shockwaves in Business" Presentation of "Scientific & Business Socializing" topics

Tuesday 18th July

09:00 – 10:00	Prof. Dr. Nicolas Vayatis (ENS Cachan)	“A machine learning approach to scoring - theory, algorithms and applications”
10:00 – 11:30	“Scientific & Business Socializing” – group sessions supervised by professors // Strategic discussion for academia and industrials moderated by Dr. Hubert Tardieu	
11:30 – 11:45	<i>Coffee break</i>	
11:45 – 12:30	“Scientific & Business Socializing” – plenary discussion moderated by Dr. Hubert Tardieu	
12:30 – 14:00	<i>Lunch</i>	
14:00 – 14:30	MR Michael Köller (Bavarian State Chancellery)	“The Franco-Bavarian relations”
14:30 – 15:00	Dr. Konstantin Ziegler (Univ. Passau)	“Representation and Transfer Learning with Deep Neural Networks”
15:00 – 15:30	Yvan Lucas (INSA Lyon / Univ. Passau)	“Pairing Machine Learning with Anomaly Detection for Credit Card Fraud Detection”
15:30 – 16:00	Sullivan Daly (INSA Lyon)	“Analysis geographically centered of publication on social network”
16:00 – 16:30	<i>Coffee break</i>	
16:30 – 17:00	Jordan Fréry (Worldline)	“Gradient Boosting by optimizing Ranking Measures”
17:00 – 17:30	Rémi Canillas (INSA Lyon)	“Detection of User Authentication Fraud in a B2B Environment”
17:30 – 18:15	Prof. Ernesto Damiani (Univ. Milano / CINI - Consorzio Interuniversitario Nazionale per l'Informatica)	“Big Data Research activities in TOREADOR project”
18:30 – 19:30	<i>Dinner</i>	
19:30 – 20:30	Bérénice Kimpe (Association Bernard Grégory – Franco-German University)	“Researchers' career development by Association Bernard Grégory and French Germany University”

Wednesday 19th July

09:00 – 09:45	Prof. Dr. Gianluca Bontempi (Université Libre de Bruxelles)	“Machine Learning Strategies for Time Series Forecasting”
09:45 – 10:30	Dr. Elisa Fromont (Univ. St-Etienne)	“Unsupervised Interpretable Pattern Discovery in Time Series Using Autoencoders”
10:30 – 11:00	Felix Remmel (Worldline)	“Fraud Solutions - Rules and Models at work”
11:00 – 11:30	<i>Coffee break</i>	
11:30 – 12:00	Dr. Tobias Mayer (INSA Lyon)	“Data traceability platform – development status”
12:00 – 12:30	Armin Gerl (Univ. Passau)	“Preserving Privacy utilizing LPL”
12:30 – 14:00	<i>Lunch</i>	
14:00 – 18:00	Social event Visit of Herrenchiemsee Castle	
18:30 – 19:30	<i>Dinner</i>	
19:30 – 20:30	“Scientific & Business Socializing” – group sessions	

Thursday 20th July

09:00 – 09:30	Damien Fourure (Univ. St-Etienne)	“Deep Neural Network for Semantic Segmentation”
09:30 – 10:00	Guillaume Metzler (Univ. St-Etienne)	“Learning Maximum Excluding Ellipsoids in Unbalanced Scenarios with Theoretical Guarantees”
10:00 – 11:00	Roland Wossidlo, Alexander Pauls, Lea Bergbauer, Karl Zupfer, Jochen Gemke (Atos)	“People trends towards 2020”
11:00 – 11:30	<i>Coffee break</i>	
11:30 – 12:30	Roland Wossidlo, Alexander Pauls, Lea Bergbauer, Karl Zupfer, Jochen Gemke	“People trends towards 2020” – open discussion
12:30 – 14:00	<i>Lunch</i>	
14:00 – 14:30	Lea Bergbauer, Karl Zupfer	Atos Human Ressources Corner
14:30 – 15:00	Victor Charpenay (Siemens / Univ. Passau)	“Semantic Discovery in the Web of Things”
15:00 – 15:30	Andreas Wöfl (Univ. Passau)	“Certified Data Management in Avionics Systems”
15:30 – 16:00	Sophie Cerf (INSA Lyon)	“PULP: Achieving Privacy and Utility Trade-off in User Mobility Data”
16:00 – 16:30	Diana Nurbakova (INSA Lyon)	“DesIR: Introducing Psychological Profiles into Recommendation of Leisure Activities”
16:30 – 17:00	<i>Coffee break</i>	
17:00 – 17:30	Fatemeh Salehi Rizi (Univ. Passau)	“Global and Local Feature Learning for Social Network Analysis”
17:30 – 18:00	Bahar Sepehri (Univ. Milano)	“An Efficient Inner-Product Proxy Re-Encryption for Secure Data Sharing”
18:00 – 18:30	Corrado Mio (Univ. Milano)	“Application of a Bayesian histogram dissimilarity metrics in learning from sparse data”
18:30 – 19:30	<i>Dinner</i>	
19:45 – 20:45	“Scientific & Business Socializing” – Wrap up	

Friday 21st July

09:30 – 10:00	Tarek Awwad (INSA Lyon / Univ. Passau)	“History-based Learning for Worker Selection in Crowdsourcing Systems”
10:00 – 10:30	Wiem Fekih Hassen (INSA Lyon)	“UbiNavi: Ubiquitous Pedestrian Navigation Service”
10:30 – 11:00	<i>Coffee break</i>	
11:00 – 11:30	Leopold Fossi Ghemmogne (Univ. Milano)	“A Graph Restricted Game approach to the management”
11:30 – 12:00	Mohamed Maouche (INSA Lyon)	“SFERA: Assessing Location Privacy with Re-Identification Attacks”
12:00 – 13:00	<i>Lunch – Farewell</i>	
13:15	Travel boat to Gstadt am Chiemsee	
13:30	Departure by bus from Gstadt to Munich Airport	