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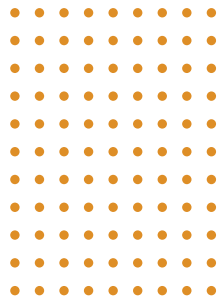


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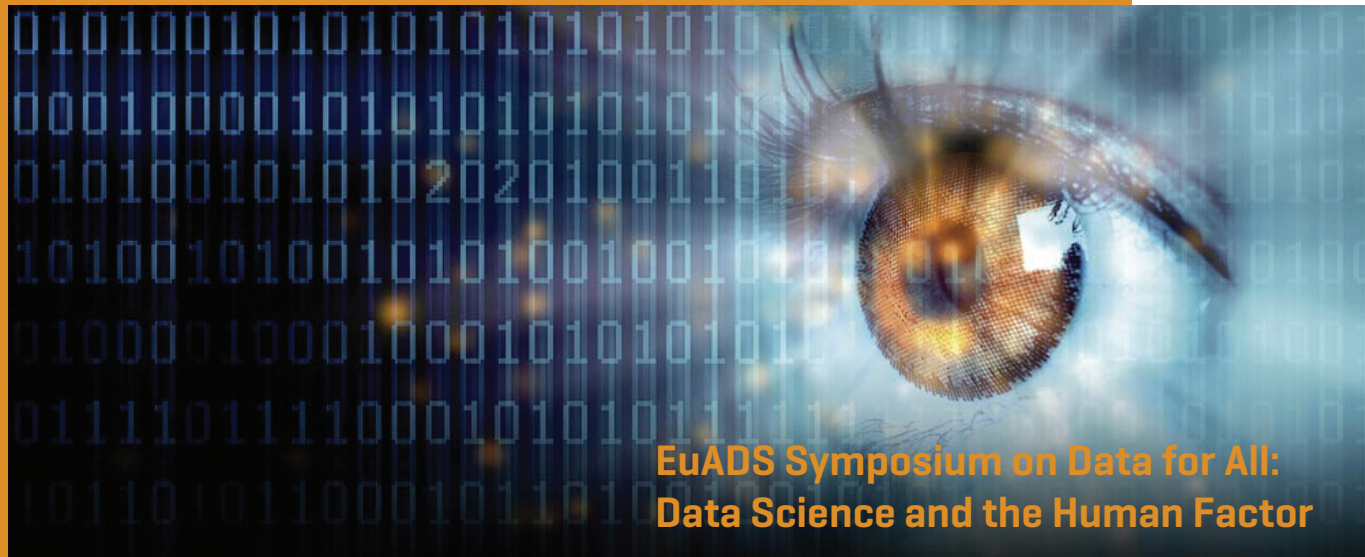


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DATA SCIENCE

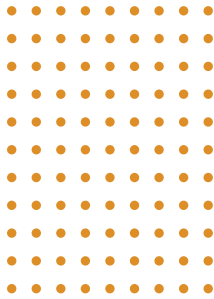


**EuADS Symposium on Data for All:
Data Science and the Human Factor**

**EuADS Summer School on
Explainable Data Science**

**10-13 September 2019
Kirchberg, LUXEMBOURG**

EuADS
European Association
for Data Science



EuADS Public Symposium on Data for All: Data Science and the Human Factor

Tuesday, 10.09.2019

12h30-13h00 **Registration and Coffee**

13h00-13h30 **Opening Ceremony**
Jens Kreisel

Vice-rector for Research, University of Luxembourg

14h00-15h00 **From Data Mining Processes to Data Science Trajectories**
Peter Flach

EuADS President

15h30-17h00 **Sabine Krolak-Schwerdt Public Lecture:
Model-Based Machine Learning**
Christopher Bishop

FRS FRSE FREng, Laboratory Director, Microsoft Research Cambridge

17h00 **Welcome Reception**

Wednesday, 11.09.2019

09h00-12h30 **Subjectivity and Visualization**
Tijl de Bie
Ghent University

12h30-14h30 **Lunch Break**

14h30-17h30 **Explanations from a psychological perspective**
Christos Bechlivanidis
University College London

Thursday, 12.09.2019

09h00-12h30 **XAI – Science and technology for the explanation of AI decision making**
Fosca Giannotti
Knowledge Discovery and Data Mining Laboratory, University of Pisa

12h30-14h30 **Lunch Break**

14h30-17h30 **Making Data Science Intelligible**
Simone Stumpf
City, University of London

Friday, 13.09.2019

09h00-12h30 **But, why? An introduction to causal inference from empirical data**
Jilles Vreeken
CISPA-Helmholtz Center for Information Security

13h00 **Vin d'honneur**

The Symposium on Tuesday is free, but a registration is required to participate in the Summer School.



The power of algorithms to detect patterns in data and learn predictive models increases every day. How can we ensure our capability to understand and explain the behaviour of these models keeps pace? This multifaceted question will be considered from a range of perspectives including exploratory data mining, human-computer interaction, psychology, law, and causal inference in this exciting and timely new Summer School, held in beautiful Luxembourg in early September 2019.



The Summer School is primarily aimed at advanced PhD students, postdoctoral and early-career researchers with an interest and basic grounding in data science, machine learning, and/or statistics. You will learn about important questions and key approaches relating to explainable, human-in-the-loop data science from leading scholars in the field. The Symposium on Tuesday 10 September is aimed at the wider public with an interest in data science, and is free to attend.

Registration?

Due to generous contributions from our sponsors we are able to keep the registration fee as low as 100 Euro (50 Euro for EuADS members). To ensure an interactive experience the number of participants is limited so early registration is strongly recommended. Please register by:

1. Sending an email with your personal details to contact@euads.org, with reference to EuADS Summer School 2019 on Explainable Data Science.
2. Transferring 100 Euro (50 Euro for EuADS members) to the Banque et Caisse d'Épargne de l'État, Luxembourg (BIC: BCEELULL; IBAN: LU47 0019 4655 6967 1000).



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