

Open House on Multi-Task and Complex Outputs Learning (July 10–14, 2006)

Monday, July 10 (Computer Science Dept., Malet Place, New Engineering Building)

We expect approximately 20 people to arrive this day. We will meet you between 16:00–17:00 at the reception area of the CS Dept. (Room 5.25) and then will go to a pub. (a separate email will be sent with more information).

Tuesday, July 11 (Room 1.03, Malet Place, New Engineering Building)

9:00–9:30: Registration + Coffee/Tea

9:30–10:00: Opening session

10:00–10:50: *Shai Ben-David* (University of Waterloo, Canada)
Inductive transfer via embeddings into a common feature space

11:00–11:50: *Andreas Argyriou* (University College London, UK)
Multi-task feature learning

12:00–13:30: Lunch Break

14:00–14:50: *Tong Zhang* (Yahoo!, USA)
Learning with structured inputs

15:00–15:50: *Sayan Mukherjee* (Duke University, USA)
Estimation of gradients and coordinate covariation in classification

16:00–17:30: Coffee/Tea + Discussion

Wednesday, July 12 (Room 1.03, Malet Place, New Engineering Building)

9:00–10:00: Coffee/Tea + 30mins talk open slot

10:00–10:50: *Andreas Maurer* (Stemmer Imaging, Germany)
Slow subspace learning from stationary processes

11:00–11:50: *Tom Heskes* (Radboud University Nijmegen, The Netherlands)
Multitask learning: the Bayesian way

12:00–13:30: Lunch Break

14:00–14:50: *Claudio Gentile* (Università dell'Insubria, Italy)
Top-down vs. bottom-up methods for hierarchical classification

15:00–15:50: *Antonio Torralba* (Massachusetts Institute of Technology, USA)
Learning shared representations for object recognition

16:00–17:30: Coffee/Tea + Discussion

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Thursday, July 13 (Room 1.03 Malet Place, New Engineering Building)

- 9:00–10:00: Coffee/Tea + 30mins talk open slot
- 10:00–10:50: *Yasemin Altun* (Toyota Technological Institute, USA)
Supervised and semi-supervised learning for complex/structured output prediction
- 11:00–11:50: *Florence d'Alché* (Université d'Evry, France)
Output kernel tree
- 12:00–13:30: Lunch Break
- 14:00–14:50: *Juho Rousu* (University of Helsinki, Finland)
Efficient max-margin Markov learning via conditional gradient and probabilistic inference
- 15:00–15:50: *Open slot*
- 16:00–17:30: Coffee/Tea + Discussion

Friday, July 14 (Room 106, Torrington Place, Roberts Building)

- 9:00–10:00: Coffee/Tea + 30mins talk open slot
- 10:00–10:50: *Volker Tresp* (Siemens, Germany)
Learning informative nonparametric priors from multiple tasks
- 11:00–11:50: *Ludovic Denoyer* (University of Paris 6, France)
XML structure mapping
- 12:00–13:30: Lunch Break
- 14:00–14:50: *Marko Grobelnik* (J. Stefan Institute, Slovenia)
Going beyond bag-of-words: dealing with a text as a graph of triples
- 15:00–15:50: *Theodoros Evgeniou* (INSEAD, France)
Learning multiple tasks with kernel methods
- 16:00–17:30: Coffee/Tea + Discussion