Dagstuhl Seminar 19202
Approaches and Applications of Inductive Programming
May 12 – 17 2018
https://www.dagstuhl.de/en/program/calendar/semhp/?semnr=19202

Organizers:
• Luc De Raedt (KU Leuven, BE)
• Richard Evans (DeepMind – London, GB)
• Stephen H. Muggleton (Imperial College London, GB)
• Ute Schmid (Universität Bamberg, DE)

Tentative Schedule

Monday, May 13

09:00-10:00 Welcome – Organizers
   Short Introduction – Participants

10:00-10:30 Coffee Break

10:30-12:00 Introduction to IP
   Ute Schmid: Inductive Functional Programming
   Stephen Muggleton: Inductive Logic Programming
   Luc De Raedt: Probabilistic ILP

12:15-13:30 Lunch Break

13:30-14:00 Richard Evans: Unsupervised program synthesis

14:00-15:30 Short talks (15 min)
   Jose Hernandez Orallo
   Eli Bingham
   Maurice Chandoo
   Mark Law
   Ruzica Piskac

15:30-16:00 Coffee Break

16:00-17:30 Walk and Talk

18:00-19:00 Dinner

Tuesday, May 14

09:00-10:00 Short Talks (15 min)
   Lidia Contreras-Ochando
   Andrew Cropper
   Celine Hocquette

10:00-10:30 Coffee Break

10:30-12:15 Short Talks (15 min)
12:15-13:30 Lunch

13:30-14:30 Setting up discussion groups

14:30-15:30 Discussion Group Meetings

15:30-16:00 Coffee Break

16:00-17:30 Reports from discussion groups

17:30-18:00 Continuation of Discussion Groups

18:00-19:00 Dinner

Wednesday, May 15

09:00-10:30 Short Talks (15 min)
   Luc De Raedt
   Gust Verbruggen
   Elena Glassman
   Kevin Ellis
   Mark Law

10:30-11:00 Coffee Break

11:00-12:15 Demos
   Céline Hocquette and Stassa Patsantzis
   Richard Evans
   Tomas Kliegr
   Maurice Chandoo

12:15-13:30 Lunch

13:30-... Excursion

Thursday, May 16

09:00-10:00 Continuation of Discussion Groups

10:00-10:30 Coffee Break

10:30-12:15 Short Talks/tba

12:15-13:30 Lunch

13:30-15:30 Short Talks/tba

15:30-16:00 Coffee Break
16:00-18:00 Continuation of Discussion Groups

18:00-19:00 Dinner

Friday, May 17

09:00-10:30 Summary discussion, evaluation, action points

10:30-11:00 Coffee Break

11:00-12:15 establishing collaborations

Please note:

• For the introductory round 1-2 slides should be prepared: Each participant gives her/his personal background and main research interests.
• Talks are 15 minutes (+ 5 min of questions) if not noted otherwise. Length of demos can vary.
• Please avoid conference-style talks -- these tend to provide more answers than questions. Bring questions, show current ideas and insights, not all the details (which are better discussed personally by the few people who are really interested).
• Some technical advice: sometimes people's laptop use a much too high resolution when connected to the Dagstuhl projectors. As a result the projector does not produce an image and time is wasted in the chaos that ensues. The best resolution is 1024x768 pixels. Try out your laptop before your talk, or use a memory stick and the computer that is provided in the lecture hall.
• We encourage you to check out the inductive programming website and to give us your input (people, systems, papers, events) to bring the page up to date: http://www.inductive-programming.org/