Agenda

The Digital Transformation: HUman behavior and MAchine INTelligence (HUMAINT)

Kick off workshop

Universitat Pompeu Fabra, Barcelona, Spain

5-6th March, 2018
HUman behavior and MAchine INTelligence (HUMAINT)

Kick-off Workshop

Universitat Pompeu Fabra, Barcelona, Spain - 5-6th March, 2018

1st day: 5th March 2018

09.00-09.30  Welcome and introductions (Jutta Thielen-del-Pozo, Vanesa Daza, Emilia Gómez)

Morning  Human vs machine intelligence

09:30 - 12:00  Short presentations with coffee break

• Nuria Sebastián-Gallés. The beginnings of human communication: from 0 to 24 months.
• Gustavo Deco. Whole brain modelling and applications.
• Karina Vold. Extended minds and machines.
• Rubén Moreno-Bote. Slow and fast biases in decision making.

12:00 - 13:00  Panel discussion

Presentation and moderator: Ramón López de Mántaras

13:00-14:00  Lunch

Afternoon  Algorithms’ impact on human behavior

14:00 - 16:30  Short presentations with coffee break

• Nicole Dewandre. Artificial intelligence: an interesting leverage point to rethink humans’ relations to machines...and to themselves.
• Nuria Oliver. The Tyranny of Data? The bright and dark sides of algorithmic decision making for public policy making.
• Lorena Jaume-Palasí. Algorithmic watch.
• Carlos Castillo. Algorithmic discrimination.
• Fabien Giraldin. Experience Design in the Machine Learning Era

16:30 - 17:30 **Panel discussion**
Presentation and moderator: Verónica Dahl

17:30-18:30 **Copa de Cava / Cocktail**

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2nd day: 6th March 2018

**Morning**

**Evaluation and regulation of algorithms**

9:00 - 11:30 **Short presentations with coffee break**
• Alessandro Annoni. Digital transformation and artificial intelligence: the policy-oriented perspective.
• Martha Larson. Reality, requirements, regulation: points of intersection with the machine learning pipeline.
• Anders Jonsson. Benchmarks and performance measures in artificial intelligence.
• Ansgar Koene. The IEEE P7003 Standard for Algorithmic Bias Considerations.
• Heike Schweitzer. Algorithms and markets - a need for regulation??

11:30 - 12:30 **Panel discussion**
Presentation and moderator: Xavier Serra

12:30-13:30 **Lunch**

**Afternoon**

**Application domains**

13:30 - 15:00 **Short presentations and coffee**
• Sergi Jordà. Enhancing or Mimicking Human [Musical] Creativity? The Bright and the Dark Sides of the Moon.
• Miguel Ángel González-Ballester. Machine learning in healthcare and computer-assisted treatment.
• Fabien Gouyon. The influence of “intelligent” technologies on the way we discover and experience music.
• Blagoj Delipetrev. HumanAI
15:00 - 16:00  **Panel discussion**
  Presentation and moderator: Perfecto Herrera

16:00 - 17:00  **Wrap-up session**
  Moderator: Emilia Gómez