

# TOULOUSE SYMPOSIUM ON DEEP LEARNING

THURSDAY, OCTOBER 18, 2018

## Morning program

- 8:30 – 9:00 *Registration*
- 9:00 – 9:30 *Opening of the Symposium*
- 9:30 – 10:00 Marc SCHOENAUER (INRIA, Orsay)  
*A Brief Introduction to AI and Deep Learning*
- 10:00 – 10:30 Michèle SEBAG (LRI, Orsay)  
*Domain Adaptation*
- 10:30 – 11:00 *Coffee Break*
- 11:00 – 11:30 Emmanuel DUPOUX (EHESS, Paris)  
*Towards Developmental Artificial Intelligence*
- 11:30 – 12:00 Pierre-Yves OUDEYER (INRIA, Bordeaux)  
*Developmental Autonomous Learning:  
Can a machine learn like a child?*
- 12:00 – 12:30 Thomas SCHIEX (INRA, Toulouse)  
*How Logic can Analyze Neural Networks*

## Afternoon program

- 14:00 – 14:30 Matthijs DOUZE (Facebook Research, Paris)  
*Similarity Search for Weakly Supervised Machine Learning*
- 14:30 – 15:00 Romuald JOSIEN (NVIDIA, Paris)  
*GPU Calculation for AI:  
What a long way we have made over the last 5 years!*
- 15:00 – 15:30 François COURTEILLE (NVIDIA, Paris)  
*Deep Learning and Challenge of Scale*
- 15:30 – 16:00 *Coffee Break*
- 16:00 – 16:30 Rémi MUNOS (Google Deep Mind, Paris)  
*Introduction to Distributional Reinforcement Learning*
- 16:30 – 17:00 Viorica PĂTRĂUCEAN (Google Deep Mind, Cambridge, UK)  
*Massively Parallel Video Networks*
- 17:00 – 17:30 Sander DIELEMAN (Google Deep Mind, Cambridge, UK)  
*Generating Music in the Raw Audio Domain*

