



Imperial College
London

Data Science
Institute



Introduction to industry session

Markus Stoye (CMS), Rudiger Haake (ALICE), Steven Schramm (ATLAS), Paul Seyfert (LHCb), Lorenzo Moneta (LPCC/EP-SFT)

3rd IML workshop, April 15th 2017, CERN, Geneva

Three industry talks and a panel discussion

14:00	Introduction <i>500-1-001 - Main Auditorium, CERN</i> 14:00 - 14:20
	Amazon AI: Tensor and Higher-Order Generalizations of the GSVD with Applications to Personalized Cancer Medicine <i>Dr Priya Ponnappalli</i> <i>500-1-001 - Main Auditorium, CERN</i> 14:20 - 15:05
15:00	Google DeepMind: Compressing neural networks <i>Dr Tim Genewein</i> e <i>500-1-001 - Main Auditorium, CERN</i> 15:10 - 15:55
16:00	Coffee break <i>500-1-001 - Main Auditorium, CERN</i> 16:00 - 16:30
	B12 Consulting: Big value out of small data <i>Dr Michel Herquet</i> <i>500-1-001 - Main Auditorium, CERN</i> 16:30 - 17:00
17:00	Industry panel <i>Dr Michel Herquet et al.</i> <i>500-1-001 - Main Auditorium, CERN</i> 17:05 - 18:00
18:00	

Reception (snacks & drinks)

Priya Ponnappalli, Amazon AWS

Tensor and Higher-Order Generalizations of the GSVD with Applications to Personalized Cancer Medicine

- Principal Data Scientist, AWS
- Senior Research Affiliate, University of Utah
- PhD in Electrical and Computer Engineering, UT Austin



Tim Genewein, Google DeepMind

Compressing neural networks

Research scientist at DeepMind:

- AI security

Research scientist at Bosch Center for AI:

- Compression/Precision

PhD at Max Planck Institute for Intelligent Systems, Tübingen



Constant high profile output to e.g. N(eurips), ...

Michel Herquet, B12

Big value out of small data

- Co-founder of B12, IT consulting firm
- Still teaches physics at U Louvain....
- Phd in Theoretical physics U Louvain (Madgraph...)





Industry Panel

5PM : industry panel with Tim and Michel
chaired by David