



Imperial College
London

Data Science
Institute

Introduction to industry session

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

2nd IML workshop, April 8th 2017, CERN, Geneva

Three industry talks and a panel discussion

14:00	38 - Tutorial: TMVA <i>500-1-001 - Main Auditorium, CERN</i>	<i>Lorenzo Moneta</i> 14:00 - 15:00
15:00	39 - Introduction to the industry session 40 - Multilevel Optimization for Generative Models, Games and Robotics <i>500-1-001 - Main Auditorium, CERN</i>	<i>Lorenzo Moneta et al.</i> <i>David Pfau</i> 15:10 - 15:40
16:00	41 - Machine Learning For Enterprises: Beyond Open Source <i>500-1-001 - Main Auditorium, CERN</i>	<i>Jean-Francois Puget</i> 15:50 - 16:20
	Coffee break <i>500-1-001 - Main Auditorium, CERN</i>	16:30 - 17:00
17:00	42 - Surrogate Models for Fun and Profit <i>500-1-001 - Main Auditorium, CERN</i>	<i>Andrey Ustyuzhanin</i> 17:00 - 17:30
18:00	44 - Industry panel <i>500-1-001 - Main Auditorium, CERN</i>	<i>Andrey Ustyuzhanin et al.</i> 17:40 - 18:10

David Pfau

“Multilevel
Optimization for
Generative Models,
Games and Robotics”

Research scientist at
DeepMind



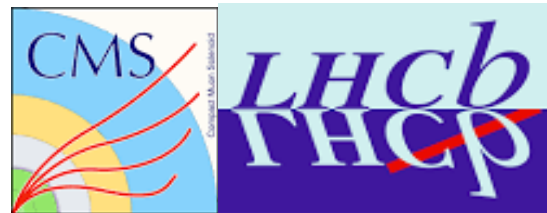
Jean-Francois Puget

“Machine Learning For Enterprises: Beyond Open Source”

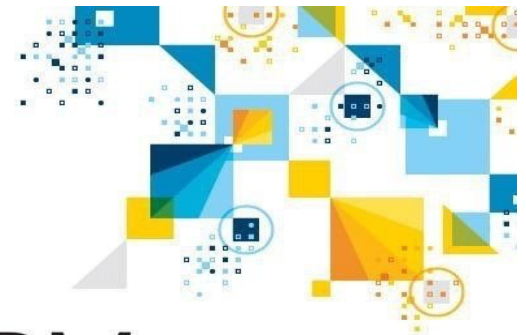
Distinguished engineer at
IBM Analytics



IBM Industry partner



IBM ML for data quality
and online projects



IBM
Analytics

Andrey Ustyuzhanin

“Surrogate Models for Fun and Profit”

- Head of Big Data Analysis Lab., HSE, Moscow
- Head of joint CERN-Yandex Research & Education programs



Yandex SDA member of LHCb collaboration



Joined projects with CMS

Yandex



SCHOOL OF DATA ANALYSIS

Panel discussion

Panel discussion is open for questions from **YOU!**

Feel free to ask anything: algorithms, tools, organization, skills needed in industry, ...

Selected past presentations of Google/DeepMind, IBM, Yandex at CERN

Google/DeepMind:

<https://indico.cern.ch/event/673350>

<https://indico.cern.ch/event/673989>

IBM:

<https://indico.cern.ch/event/595059/sessions/217132>

<https://indico.cern.ch/event/616790>

Yandex:

<https://indico.cern.ch/event/595059/sessions/217132>