



Welcome

CERN openlab Machine Learning
and Data Analytics Workshop

April 29th 2016

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CERNopenlab

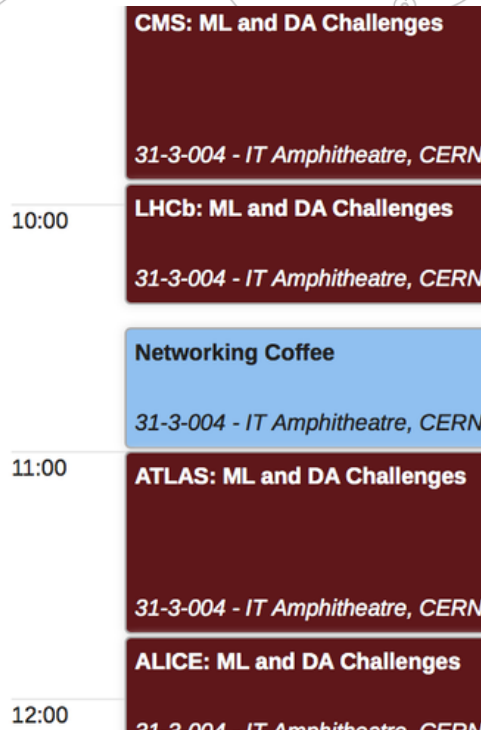
Workshop Goals

- Develop a better understanding of the capabilities and challenges in the critical area of data analytics
 - LHC community and industry
- Explore new applications of machine learning techniques in LHC science
 - From resource utilization, to analysis, to triggering
- In the afternoon, we have presentations from some of the industry leaders
- Intended as first step of discussions to find common problems to solve together

Networking Opportunities

- We have a very dense agenda of talks
 - Please respect time!
- Coffee and lunch breaks are opportunities for networking and informal discussions
- Wrap-up with a panel from industry speakers for in-depth discussions

Morning Session



	CMS: ML and DA Challenges	<i>Dr. Jean-Roch Vlimant</i>
	31-3-004 - IT Amphitheatre, CERN	09:10 - 09:55
10:00	LHCb: ML and DA Challenges	<i>Andrey Ustyuzhanin</i>
	31-3-004 - IT Amphitheatre, CERN	09:55 - 10:25
	Networking Coffee	
	31-3-004 - IT Amphitheatre, CERN	10:30 - 11:00
11:00	ATLAS: ML and DA Challenges	<i>David Rousseau</i>
	31-3-004 - IT Amphitheatre, CERN	11:00 - 11:45
	ALICE: ML and DA Challenges	<i>Michele Floris</i>
12:00	31-3-004 - IT Amphitheatre, CERN	11:45 - 12:15
	Challenges for Industrial Control Systems	<i>Manuel Gonzalez Berges</i>
	31-3-004 - IT Amphitheatre, CERN	12:15 - 12:35

Afternoon Session



	Machine Learning and Data Analytics at Intel <i>31-3-004 - IT Amphitheatre, CERN</i>	<i>Marie-Christine Sawley</i> 13:30 - 13:50
14:00	Machine Learning and Data Analytics at Cloudera <i>31-3-004 - IT Amphitheatre, CERN</i>	<i>Tom White</i> 13:50 - 14:10
	Machine Learning and Data Analytics at Siemens <i>31-3-004 - IT Amphitheatre, CERN</i>	<i>Volker Tresp</i> 14:10 - 14:30
	Machine Learning and Data Analytics at IBM <i>31-3-004 - IT Amphitheatre, CERN</i>	<i>Costas Bekas</i> 14:30 - 14:50
	Machine Learning and Data Analytics at Google <i>31-3-004 - IT Amphitheatre, CERN</i>	<i>Alex Osterloh</i> 15:20 - 15:40
	Machine Learning and Data Analytics at Microsoft <i>31-3-004 - IT Amphitheatre, CERN</i>	<i>Alexandre Gattiker</i> 15:40 - 16:00
16:00	Machine Learning and Data Analytics at Cisco <i>31-3-004 - IT Amphitheatre, CERN</i>	<i>Enzo Fenoglio</i> 16:00 - 16:20
	Machine Learning and Data Analytics at Yandex <i>31-3-004 - IT Amphitheatre, CERN</i>	<i>Andrey Ustyuzhanin</i> 16:20 - 16:40

CERN openlab team contact

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