

# Welcome

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- Dr. Dirk Duellmann (CERN)
- Dr. Sami Kama (Southern Methodist U)
- Dr. Mario Lassnig (CERN)
- Dr. David Rousseau (LAL)
- Yandex School of Data Analysis
- Prof. V. Korenkov (JINR)
- All students from Tomsk and Moscow

# Today's Agenda

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Monday, 7 December 2015

- 10:00 - 10:10 **NRC KI Welcome 10'**  
Speaker: Vasily Velikhov (National Research Centre Kurchatov Institute (RU))
- 10:10 - 10:20 **Introduction and Workshop Primary Goals 10'**  
Speakers: Paolo Calafiura (Lawrence Berkeley National Lab. (US)), Alexei Klimentov (Brookhaven National Laboratory (US)), Andrey Ustyuzhanin (Yandex School of Data Analysis (RU))
- 10:20 - 12:30 **Machine Learning Principles, Tools and Libraries (I)**  
Convener: Prof. Shantenu Jha (Rutgers University)
- 10:20 **Machine Learning hands-on 2h10'**  
Speakers: Dr. Rogozhnikov Alexey (School of Data Analysis), Andrey Ustyuzhanin (Yandex School of Data Analysis (RU))
- Machine Learning Introduction **1h20'**  
Speaker: Aleksei Rogozhnikov (Yandex School of Data Analysis (RU))
- Machine Learning for Tracking **40'**  
Speaker: Aleksei Rogozhnikov (Yandex School of Data Analysis (RU))
- 12:30 - 13:30 **lunch**
- 13:30 - 15:10 **Machine Learning Tools, Principles and Libraries (II)**  
Convener: Andrey Ustyuzhanin (Yandex School of Data Analysis (RU))
- 13:30 **Topological Trigger Optimization 40'**  
Speaker: Tatiana Likhomanenko (National Research Centre Kurchatov Institute (RU))
- 14:10 **Flavour Tagging Optimization 1h0'**  
Speakers: Tatiana Likhomanenko (National Research Centre Kurchatov Institute (RU)), Denis Derkach (Yandex School of Data Analysis (RU))

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You are here

Yandex SAD

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# Today's Agenda

15:10 - 15:30 Tea break

15:30 - 18:30 Data Placement

Convener: Alexei Klimentov (Brookhaven National Laboratory (US))

15:30 **Data Placement Policy Evolution in ATLAS 40'**

Speakers: Alexei Klimentov (Brookhaven National Laboratory (US)), Mario Lassnig (CERN)

Computing Model (from Monarc to "mesh")

Data formats and data popularity

PD2P - PanDA Dynamic Data Placement : concept and realization

Rucio : Architecture overview

ATLAS Data (Run1, Run2 and beyond)

Sources of (data) meta-information

Topics of interest

16:10 **Data Placement and Data Handling in LHCb 40'**

Speakers: Andrey Ustyuzhanin (Yandex School of Data Analysis (RU)), Mikhail Hushchyn (Yandex School of Data Analysis (RU))

17:10 **Data Placement simulation and Distributed Computing Simulation - round table discussion 1h10'**

18:30 - 19:50 Bus to JINR (Dubna)