



# Welcome and Workshop goals

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R&D Projects for mega-science machines

Saint-Petersburg State University

10 July 2017

# Welcome

Dr. Mario Lassnig  
Dr. Andreas Peters

Dr. Patrick Fuhrmann  
Dr. Tigran Mkrtchan

**WORKSHOP OF WLCG RESEARCH PROJECTS  
FOR HL-LHC ERA EXPERIMENTS**

<http://www.inno-mir.ru/wlwg/>



**10 - 12 JULY 2017**  
SAINT-PETERSBURG, RUSSIA

# Objectives



Leading Research Laboratories : CERN, DESY, JINR and National Research Center “Kurchatov Institute”

Top Russian University : SPbSU

Main machines and facilities : HL LHC, FAIR, NICA, PIK, XFEL

Ultimate Question : What SW & Computing Model will be used in 5-10 years from now ?



# Agenda

	<b>Registration: Registration &amp; Coffee</b>	
	<i>Other Institutes</i>	09:30 - 10:00
10:00	<b>Welcome: Saint Petersburg State University</b>	
	<i>Other Institutes</i>	10:00 - 10:15
	<b>Welcome: Workshop Goals</b>	
	<i>Other Institutes</i>	10:15 - 10:25
	<b>Welcome: Venue and Logistics</b>	
	<i>Other Institutes</i>	10:25 - 10:30
	<b>Storage Systems for Big Data: EOS (project overview and future)</b>	
	<i>Andreas Peters</i>	
11:00	<i>Other Institutes</i>	10:30 - 11:10
	<b>Storage Systems for Big Data: dCache</b>	
	<i>Mr. Tigran Mkrtchyan</i>	
	<i>Other Institutes</i>	11:10 - 11:50
12:00	<b>Machine Learning and HENP Distributed Computing: Plenary talk</b>	
	<i>Other Institutes</i>	11:50 - 12:20
	<b>Federated Storage Project: Plenary talk</b>	
	<i>Other Institutes</i>	12:20 - 12:50
15:00	<b>Federated Storage Project: Section talks</b>	<b>Machine Learning and HENP Distributed Computing: Section talks</b>
	<i>Other Institutes</i>	<i>Other Institutes</i>
	14:20 - 16:00	14:20 - 16:00
16:00	<b>Coffee</b>	
	<i>Other Institutes</i>	16:00 - 16:30

	<b>Registration: Registration &amp; Coffee</b>	
	<i>Other Institutes</i>	09:30 - 10:00
10:00	<b>Plenary talk: dCache project in Federated data storage context</b>	
	<i>Other Institutes</i>	10:00 - 10:30
	<b>Plenary talk: New PIK Computing Centre</b>	
	<i>Other Institutes</i>	10:30 - 11:00
11:00	<b>Plenary talk: NICA Computing Model</b>	
	<i>Other Institutes</i>	11:00 - 11:30
	<b>Machine Learning session highlights</b>	
	<i>Mikhail Titov</i>	
	<i>Other Institutes</i>	11:30 - 11:50
	<b>Federated Storage session highlights</b>	
	<i>Mr. Andrey Kirianov</i>	
12:00	<i>Other Institutes</i>	11:50 - 12:10

	<b>Discussion: Round Table</b>	
14:00		
15:00		
	<i>Other Institutes</i>	13:40 - 16:00
16:00	<b>Coffee</b>	
	<i>Other Institutes</i>	16:00 - 16:30

# Workshop proceedings will be published by SPbSU (indexed by Scopus)

## Next meetings :

- ACAT2017 Seattle Aug 25-31
- NEC2017 Monte-Negro Sep 25-30

