

# **ATLAS-CZ-SK 2016**

**Thursday, 2 June 2016 - Friday, 3 June 2016**

**Zilina, Slovakia**  
**Programme**

# Thursday 02 June 2016

## Welcome - AFS09 lecture room (08:45-09:00)

### Top Physics - AFS09 lecture room (09:00-10:15)

time	[id] title	presenter
09:00	[5] Forward-backward asymmetry in top pair production - POWHEG (20 minutes)	SOPKOVA, Filomena
09:20	[10] Direct measurement of the top quark decay width (20 minutes)	DADO, Tomas
09:40	[23] Measurement of top quark pairs differential cross-sections in the lepton+jets channel at 13 TeV (15 minutes)	KVITA, Jiri
09:55	[9] Measurement of the top-antitop differential cross section for high top pt at 8 TeV (20 minutes)	BERTA, Peter

## Coffee break - AFS09 lecture room (10:15-10:45)

### Top Physics - AFS09 lecture room (10:45-12:00)

time	[id] title	presenter
10:45	[12] Measurement of the forward-backward asymmetry in low-mass bottom-quark pairs produced in proton-antiproton collisions (20 minutes)	BARTOS, Pavol
11:05	[15] Boosted top/W tagging performance study at Run II (20 minutes)	MAJERSKY, Oliver
11:25	[16] Study of associated production of top-quark pair and Z boson (20 minutes)	DUBOVSKY, Michal
11:45	[18] Study of the Jet Charge Technique Using Secondary Vertex Information in ATLAS Simulated Events (15 minutes)	MELO, Matej

### Top Physics - AFS09 lecture room (13:30-13:55)

time	[id] title	presenter
13:30	[20] Top-antitop differential cross section in boosted all-hadronic channel (15 minutes)	JACKA, Petr
13:45	[24] Unfolding some variables from top-antitop all-hadronic channel for boosted top quarks (10 minutes)	PALICKA, Jan

### Other - AFS09 lecture room (13:55-15:15)

time	[id] title	presenter
13:55	[8] Measurement of charged particle spectra in the ATLAS experiment at the LHC at 13 TeV (20 minutes)	NECHANSKY, Filip
14:15	[14] Bose-Einstein correlations in 8 TeV proton-proton collisions at ATLAS (20 minutes)	ASTALOS, Robert
14:35	[27] Exclusive $\pi+\pi^-$ production at $\sqrt{s}=7$ TeV and $\sqrt{s}=8$ TeV on ATLAS with use of ALFA detector (20 minutes)	HAMAL, Petr
14:55	[11] The design and performance of the ATLAS Inner Detector trigger for Run 2 (20 minutes)	PENC, Ondrej

**Coffee break - AFS09 lecture room (15:15-15:45)****Theory and BSM - AFS09 lecture room (15:45-17:30)**

time	[id] title	presenter
15:45	[3] The ATLAS limits for the tBESS-like Lagrangian (20 minutes)	JURAN, Josef
16:05	[22] Neutrinos and Axions (40 minutes)	SMETANA, Adam
16:45	[19] SUSY at TeV scale (30 minutes)	BLAZEK, Tomas
17:15	[21] W and Z masses in BSM (15 minutes)	BENEŠ, Petr

**Workshop Banquet (19:00-22:00)**

# Friday 03 June 2016

## Other - AFS09 lecture room (08:45-10:15)

time	[id] title	presenter
08:45	[2] ATLAS Standard Model Photon and Jet Measurements (20 minutes)	HUBACEK, Zdenek
09:05	[28] JES correction and derivation of correction factors from simulation. (20 minutes)	PACALT, Josef
09:25	[6] Exclusive dilepton production in proton-proton collision at 13 TeV with the ATLAS detector (20 minutes)	NECHANSKY, Filip
09:45	[13] Measurement of Upsilon $\rightarrow$ $\mu\mu$ production with 2013 p+Pb data (15 minutes)	GALLUS, Petr
10:00	[7] Status of ATLAS Masterclasses (15 minutes)	MELO, Ivan

## Coffee break - AFS09 lecture room (10:15-10:45)

## Higgs Physics and BSM - AFS09 lecture room (10:45-11:05)

time	[id] title	presenter
10:45	[1] Background Estimation in the Associated Higgs Boson Top-Quark Production Channel $\text{pp} \rightarrow \text{ttH} \rightarrow 2\ell + 1\tau_{\text{had}}$ at $\sqrt{s} = 13$ TeV with ATLAS (20 minutes)	ALI, Babar

## Forward Physics - AFS09 lecture room (11:05-12:00)

time	[id] title	presenter
11:05	[4] Forward rapidity gaps in Herwig (15 minutes)	MYSKA, Miroslav
11:20	[17] Search for Intrinsic Charm in $\text{pp} \rightarrow \gamma + c + X$ at $\sqrt{s} = 8$ TeV with ATLAS detector (20 minutes)	SMIESKO, Juraj
11:40	[26] ATLAS Forward Proton detector (20 minutes)	SYKORA, Tomas

## Closing - AFS09 lecture room (12:00-12:15)