STUDENT WORKSHOP 2018

SM & QCD

by Roman Pasechnik (University of Lund, Sweden)

Welcome

Marek Taševský (Fyzikální ústav AV ČR)

Student workhop SM & QCD, Praha Institute of Physics

08/10/2018

Topics of student workshops

□ 2015: Jet physics

Dr. Gregory Soyez (Paris) indico.cern.ch/event/441794

□ 2016: Heavy-ion Physics

Dr. Cyrille Marquet (Paris) indico.cern.ch/event/561710

□ 2018: SM & QCD

Dr. Roman Pasechnik (Lund) indico.cern.ch/event/758588

Excellent lecturers.

Real experts.

Nice student presentations.

Lively discussions.

Roman Pasechnik

Very broad scope of expertise and interests:

QCD (Hard & Soft)
Diffraction and Exclusive processes
Heavy Quarkonia
Dark Matter
Astroparticle physics
Stability and Dynamics of Vacuum in SM
Dark Energy
Cosmological Perturbation Theory

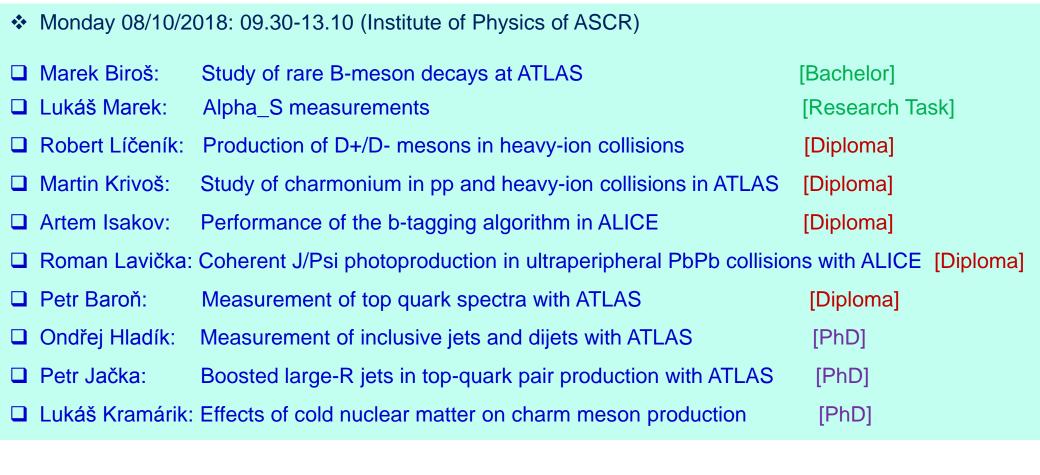
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- Teaching at Lund University
- Member of several committees
- Supervising students
- Frequent speaker at conferences & schools

Purpose of the workshop

- 1. Deepen knowledge about SM, QCD and Diffraction from one of the experts in the field
- 2. Share knowledge and results with fellow students, senior colleagues and experts
- 3. Feel the conference atmosphere

Do not hesitate to ask even during presentations! Speakers are usually very happy being asked because it proves their presentation makes people interested.



- Monday 08/10/2018: 15.00-16.20 (Institute of Physics)
- □Lecture: Dr. Roman Pasechnik: High-energy scattering in QCD
- Tuesday 09/10/2018: 09.30-12.30 (Institute of Physics)
- □ Lecture: Dr. Roman Pasechnik: Deep Inelastic Scattering and QCD Factorization
- □ Lecture: Dr. Roman Pasechnik: Diffraction Scattering and Soft QCD