

# **XXXVII Physics in Collision**

## **Report of Contributions**

Contribution ID: **1**

Type: **not specified**

## Welcome adress

*Tuesday, September 5, 2017 8:30 AM (10 minutes)*

Contribution ID: 2

Type: **not specified**

## **New developments in lattice QCD**

*Tuesday, September 5, 2017 8:40 AM (45 minutes)*

**Presenter:** STEFFENS, Fernanda (DESY - Zeuthen)

**Session Classification:** QCD

Contribution ID: 3

Type: **not specified**

## Quark pdf's and $\alpha_s$ measurements from DIS experiments and LHC

*Tuesday, September 5, 2017 9:25 AM (45 minutes)*

**Presenter:** ALEKHIN, Sergey (DESY-Zeuthen)

**Session Classification:** QCD

Contribution ID: 4

Type: **not specified**

## Search for additional Higgs bosons

*Tuesday, September 5, 2017 11:15 AM (45 minutes)*

**Presenter:** MEYER, Jochen (Nikhef National institute for subatomic physics (NL))

**Session Classification:** EW & Higgs & Top - I

Contribution ID: 5

Type: **not specified**

## **Triple and quartic gauge boson couplings**

*Tuesday, September 5, 2017 12:00 PM (45 minutes)*

**Presenter:** KUPCO, Alexander (Institute of Physics)

**Session Classification:** EW & Higgs & Top - I

Contribution ID: 6

Type: **not specified**

## **Precision measurements of electroweak parameters**

*Tuesday, September 5, 2017 2:00 PM (45 minutes)*

**Presenter:** SAVIN, Alexander (University of Wisconsin-Madison (US))

**Session Classification:** EW & Higgs & Top - II

Contribution ID: 7

Type: **not specified**

## Higgs production and decays

*Tuesday, September 5, 2017 10:30 AM (45 minutes)*

**Presenter:** KILMINSTER, Ben (Universitaet Zuerich (CH))

**Session Classification:** EW & Higgs & Top - I



Contribution ID: **8**

Type: **not specified**

## **Top quark physics**

*Tuesday, September 5, 2017 2:45 PM (45 minutes)*

**Presenter:** MEYER, Andreas (KIT and DESY (DE))

**Session Classification:** EW & Higgs & Top - II

Contribution ID: 9

Type: **not specified**

## **B results on CPV, CKM mearsurements, rare decays**

*Wednesday, September 6, 2017 8:30 AM (45 minutes)*

**Presenter:** GRILLO, Lucia (Universita & INFN, Milano-Bicocca (IT))

**Session Classification:** Heavy Flavor

Contribution ID: **10**

Type: **not specified**

## **B decays with neutrino and related modes**

*Wednesday, September 6, 2017 9:15 AM (45 minutes)*

**Presenter:** SCHWARTZ, Alan (University of Cincinnati)

**Session Classification:** Heavy Flavor

Contribution ID: 11

Type: **not specified**

## **Mixing, CPV and rare decays in Charm**

*Wednesday, September 6, 2017 10:20 AM (45 minutes)*

**Presenter:** CONTU, Andrea (CERN)

**Session Classification:** Heavy Flavor

Contribution ID: 12

Type: **not specified**

## Charm Decay Studies with Threshold Data

*Wednesday, September 6, 2017 11:05 AM (45 minutes)*

**Presenter:** MA, Hailong (IHEP)

**Session Classification:** Heavy Flavor

Contribution ID: 13

Type: **not specified**

## **Heavy Flavor spectroscopy & exotic hadrons**

*Wednesday, September 6, 2017 11:50 AM (45 minutes)*

**Presenter:** WHITEHEAD, Mark Peter (CERN)

**Session Classification:** Heavy Flavor

Contribution ID: 14

Type: **not specified**

## **Advanced instrumentation of HEP experiments**

**Presenter:** TITOV, Maxim (CEA Saclay)

**Session Classification:** Heavy Flavor

Contribution ID: 15

Type: **not specified**

## **BSM - Theory overview?**

**Session Classification:** BSM



Contribution ID: 16

Type: **not specified**

## **Results from searches for exotic phenomena ( $W'$ , $Z'$ , extra dimensions, new resonances, excited quarks)**

*Wednesday, September 6, 2017 2:45 PM (45 minutes)*

**Presenter:** MARTYNIUK, Alex Christopher (University College London)

**Session Classification:** BSM

Contribution ID: 17

Type: **not specified**

## **Results from searches for supersymmetric particles**

*Wednesday, September 6, 2017 2:00 PM (45 minutes)*

**Presenter:** SEKMEN, Sezen (Kyungpook National University (KR))

**Session Classification:** BSM

Contribution ID: **18**

Type: **not specified**

## **Dark Matter searches at LHC**

*Wednesday, September 6, 2017 4:00 PM (45 minutes)*

**Presenter:** TERASHI, Koji (University of Tokyo (JP))

**Session Classification:** BSM

Contribution ID: 19

Type: **not specified**

## **Astroparticle: Cosmic rays/gamma**

**Presenter:** ROTH, Markus (KIT)

**Session Classification:** Neutrino physics - I

Contribution ID: 20

Type: **not specified**

## **Global constraints on three-neutrino masses, mixings and phases**

*Thursday, September 7, 2017 8:30 AM (40 minutes)*

**Presenter:** LISI, Eligio (INFN, Bari, Italy)

**Session Classification:** Neutrino physics - I

Contribution ID: **21**

Type: **not specified**

## **Neutrinos – accelerators**

*Thursday, September 7, 2017 9:10 AM (40 minutes)*

**Presenter:** STAHL, Achim (Rheinisch-Westfaelische Tech. Hoch. (DE))

**Session Classification:** Neutrino physics - I

Contribution ID: 22

Type: **not specified**

## **Reactor Neutrino Experiments: Present & Future**

*Thursday, September 7, 2017 9:50 AM (40 minutes)*

**Presenter:** GRASSI, Marco (Universita e INFN, Roma I (IT))

**Session Classification:** Neutrino physics - I

Contribution ID: 23

Type: **not specified**

## Neutrinos - Solar neutrinos

*Thursday, September 7, 2017 11:15 AM (35 minutes)*

**Presenter:** D'ANGELO, Davide (Universita' degli Studi Milano)

**Session Classification:** Neutrino physics - II



Contribution ID: 24

Type: **not specified**

## Neutrinos - double beta decay

*Thursday, September 7, 2017 11:50 AM (35 minutes)*

**Presenter:** SCHWINGENHEURER, Bernhard

**Session Classification:** Neutrino physics - II

Contribution ID: 25

Type: **not specified**

## **Neutrinos – cosmic sources**

*Thursday, September 7, 2017 12:25 PM (35 minutes)*

**Presenter:** PRADIER, Thierry (IPHC)

**Session Classification:** Neutrino physics - II

Contribution ID: 26

Type: **not specified**

## Ultra-High-Energy Cosmic Rays

*Friday, September 8, 2017 9:00 AM (45 minutes)*

**Presenter:** ROTH, Markus (KIT)

Contribution ID: 27

Type: **not specified**

## Gravitational waves

*Friday, September 8, 2017 9:45 AM (45 minutes)*

**Presenter:** DENT, Thomas (MPI Hannover)

Contribution ID: **28**

Type: **not specified**

## **Multimessenger signals in particle astrophysics**

*Friday, September 8, 2017 10:50 AM (45 minutes)*

**Presenter:** WINTER, Walter (DESY)

Contribution ID: **29**

Type: **not specified**

## Concluding remarks

*Friday, September 8, 2017 11:50 AM (20 minutes)*

Contribution ID: **30**

Type: **not specified**

## **Advanced instrumentation of HEP experiments**

*Wednesday, September 6, 2017 5:30 PM (45 minutes)*

**Presenter:** TITOV, Maxim (CEA Saclay)

Contribution ID: 31

Type: **not specified**

## **Cosmic Matter in the Laboratory – the Compressed Baryonic Matter Experiment at FAIR**

*Tuesday, September 5, 2017 4:30 PM (45 minutes)*

**Presenter:** SENGER, Peter (GSI)

**Session Classification:** Heavy ions



Contribution ID: 32

Type: **not specified**

## **Results on hard probes for RHIC to LHC energies**

*Tuesday, September 5, 2017 5:15 PM (45 minutes)*

**Presenter:** CSANAD, Mate (Eotvos University, Budapest)

**Session Classification:** Heavy ions

Contribution ID: 33

Type: **not specified**

## **Results on collectivity from RHIC to LHC energy**

*Tuesday, September 5, 2017 6:00 PM (45 minutes)*

**Presenter:** SCAPPARONE, Eugenio (INFN-Bologna(IT))

**Session Classification:** Heavy ions

Contribution ID: **34**

Type: **not specified**

## **Overview of recent results from Kaon experiments**

*Wednesday, September 6, 2017 4:45 PM (45 minutes)*

**Presenter:** ROMANO, Angela (University of Birmingham (GB))

**Session Classification:** BSM

Contribution ID: 35

Type: **not specified**

## **Registration (building of the FNSPE CTU, Brehova 7, Prague)**

*Monday, September 4, 2017 3:00 PM (1h 30m)*

Registration will take place in the building of the FNSPE CTU.

Contribution ID: **36**

Type: **not specified**

## **Welcome reception (Prague Old Town City Hall)**

*Monday, September 4, 2017 5:00 PM (2 hours)*

Welcome drink will take place in the building of Prague Old Town City Hall.

Contribution ID: 37

Type: **not specified**

## **Poster session & Coffee break**

*Thursday, September 7, 2017 10:45 AM (30 minutes)*

Contribution ID: **38**

Type: **not specified**

## **BSM theory overview**

*Tuesday, September 5, 2017 3:30 PM (40 minutes)*

**Presenter:** GROJEAN, Christophe (DESY (Hamburg) and Humboldt University (Berlin))

Contribution ID: **39**

Type: **not specified**

## **MiniTalk1**

*Thursday, September 7, 2017 10:30 AM (4 minutes)*

**Presenter:** FALTOVA, Jana (Charles University (CZ))

**Session Classification:** Mini talks



Contribution ID: 40

Type: **not specified**

## MiniTalk2

*Thursday, September 7, 2017 10:34 AM (4 minutes)*

**Presenter:** POLICICCHIO, Antonio (INFN Cosenza)

**Session Classification:** Mini talks

Contribution ID: 41

Type: **not specified**

## MiniTalk3

*Thursday, September 7, 2017 10:38 AM (7 minutes)*

**Presenter:** PALLE, Davor (IRB, Zagreb, Croatia)

**Session Classification:** Mini talks