

NNV najaarsvergadering



Report of Contributions

Contribution ID: 0

Type: **not specified**

Probing New Physics with Rare Leptonic B Meson Decays

Friday, 2 November 2018 12:00 (20 minutes)

Primary author: JAARSMA, Ruben

Presenter: JAARSMA, Ruben

Session Classification: Parallel Ia

Contribution ID: 1

Type: **not specified**

Method for searching for and testing general relativity with supernovae gravitational-wave signals

Friday, 2 November 2018 12:20 (20 minutes)

Primary author: PANG, Tsun Ho

Presenter: PANG, Tsun Ho

Session Classification: Parallel Ia

Contribution ID: **36**

Type: **not specified**

Cosmic ray measurements with AMS-02

Friday, 2 November 2018 12:00 (20 minutes)

Presenter: Ms VECCHI, Manuela (University of Groningen)

Session Classification: Parallel Ib

Contribution ID: 37

Type: **not specified**

An ATLAS dedicated electroweak SUSY soft three lepton search in the compressed low mass region

Friday, 2 November 2018 12:20 (20 minutes)

Presenter: VERMEULEN, Broos

Session Classification: Parallel Ib

Contribution ID: **38**

Type: **not specified**

ProtoDUNE: Testing a Swimming Pool for Neutrinos

Friday, 2 November 2018 12:00 (20 minutes)

Presenter: VERMEULEN, Milo

Session Classification: Parallel Ic

Contribution ID: 39

Type: **not specified**

Search for long-lived particles decaying hadronically to jets

Friday, 2 November 2018 12:20 (20 minutes)

Presenter: KOSTIUK, Igor

Session Classification: Parallel Ic

Contribution ID: 40

Type: **not specified**

Model-independent multilepton searches with the ATLAS detector

Friday, 2 November 2018 13:40 (20 minutes)

Presenter: BAKKER, Pepijn

Session Classification: Parallel IIa

Contribution ID: 41

Type: **not specified**

Balance function of non-identified charged particles in pp and Pb-Pb collisions at $\sqrt{s_{NN}} = 5.02$ TeV with ALICE

Friday, 2 November 2018 14:00 (20 minutes)

Presenter: KHABANOVA, Zhanna

Session Classification: Parallel IIa

Contribution ID: 42

Type: **not specified**

Calcium enrichment using molten salt counter-current electromigration

Friday, 2 November 2018 14:20 (20 minutes)

Presenter: Mr SLEEGERS, Levi

Session Classification: Parallel IIa

Contribution ID: 43

Type: **not specified**

Measuring the electron-EDM using a slow, intense and cold beam of BaF molecules

Friday, 2 November 2018 14:40 (20 minutes)

Presenter: Mr MEIJKNECHT, Thomas (RUG/VSI and Nikhef)

Session Classification: Parallel IIa

Contribution ID: 44

Type: **not specified**

Development of a GridPix readout for a TPC at the International Linear Collider

Friday, 2 November 2018 13:40 (20 minutes)

Presenter: LIGTENBERG, Kees

Session Classification: Parallel IIb

Contribution ID: 45

Type: **not specified**

The space-time structure of hadron production in high-energy collisions

Friday, 2 November 2018 14:00 (20 minutes)

Presenter: FERRERES SOLE, Silvia

Session Classification: Parallel IIb

Contribution ID: 46

Type: **not specified**

Models of Particle Signatures in KM3NeT ORCA

Friday, 2 November 2018 14:20 (20 minutes)

Presenter: SENECA, Jordan

Session Classification: Parallel IIb

Contribution ID: 47

Type: **not specified**

B-meson measurements with the upgrade of the ALICE Inner Tracking System

Friday, 2 November 2018 14:40 (20 minutes)

Presenter: DOREMALEN, Lennart van

Session Classification: Parallel IIb

Contribution ID: 48

Type: **not specified**

Methods to measure the cosmic-ray composition with the Auger Engineering Radio Array

Friday, 2 November 2018 13:40 (20 minutes)

Presenter: CANFORA, Fabrizia

Session Classification: Parallel IIc

Contribution ID: 49

Type: **not specified**

On the empirical verification of the black hole no-hair conjecture from gravitational-wave observations

Friday, 2 November 2018 14:00 (20 minutes)

Presenter: TSANG, Ka Wa

Session Classification: Parallel IIc

Contribution ID: 50

Type: **not specified**

Neural Network Approach to Nuclear PDFs

Friday, 2 November 2018 14:20 (20 minutes)

Presenter: ETHIER, Jacob (Vrij Universiteit / Nikhef)

Session Classification: Parallel IIc

Contribution ID: 51

Type: **not specified**

Silicon photomultipliers for XAMS: A dual-phase liquid xenon TPC for dark matter direct detection R&D

Friday, 2 November 2018 14:40 (20 minutes)

Presenter: Mr LOYA VILLALPANDO, Alvaro

Session Classification: Parallel IIc

Contribution ID: 52

Type: **not specified**

Central exclusive production of J/ψ mesons at LHCb

Friday, 2 November 2018 15:25 (20 minutes)

Presenter: SÁNCHEZ GRAS, Cristina

Session Classification: Parallel IIIa

Contribution ID: 53

Type: **not specified**

KM3NeT hydrophones for relic neutrino detection

Friday, 2 November 2018 15:45 (20 minutes)

Presenter: MULLER, Rasa

Session Classification: Parallel IIIa

Contribution ID: 54

Type: **not specified**

Search for Dark Matter in association with a Higgs boson decaying to bb with the ATLAS detector

Friday, 2 November 2018 16:05 (20 minutes)

Presenter: FABIANI, Veronica

Session Classification: Parallel IIIa

Contribution ID: 55

Type: **not specified**

Diatomic Molecules as Probes for Nuclear Anapole Moment Effect

Friday, 2 November 2018 15:25 (20 minutes)

Presenter: Ms HAO, Y. (University of Groningen)

Session Classification: Parallel IIIb

Contribution ID: 56

Type: **not specified**

The way to new physics through the single top quark

Friday, 2 November 2018 15:45 (20 minutes)

Presenter: DE BEURS, Marc

Session Classification: Parallel IIIb

Contribution ID: 57

Type: **not specified**

comprehensive study of nucleon-deuteron break-up channel

Friday, 2 November 2018 16:05 (20 minutes)

Presenter: Mrs TAVAKOLIZANIANI, Hajar (PhD student)

Session Classification: Parallel IIIb

Contribution ID: 58

Type: **not specified**

Lepton (non)-universality in W decays

Friday, 2 November 2018 15:25 (20 minutes)

Presenter: PONOMARENKO, Daniil

Session Classification: Parallel IIIc

Contribution ID: 59

Type: **not specified**

Deuteron-deuteron scattering below pion-production threshold

Friday, 2 November 2018 15:45 (20 minutes)

Presenter: Mr RAMAZANI SHARIFABADI, reza (KVI-CART, university of Groningen)

Session Classification: Parallel IIIc

Contribution ID: **60**

Type: **not specified**

CP-violating electron electric dipole moment enhancement factor in the BaOH and YbOH molecules

Friday, 2 November 2018 16:05 (20 minutes)

Presenter: Ms DENIS, Malika (University of Groningen / Van Swinderen institute)

Session Classification: Parallel IIIc

Contribution ID: **61**

Type: **not specified**

Flavour Puzzles and the LHCb Experiment

Friday, 2 November 2018 10:30 (40 minutes)

Presenter: MERK, Marcel

Session Classification: Plenary I

Contribution ID: 62

Type: **not specified**

Phases of gauge theories for particle physics

Friday, 2 November 2018 11:15 (40 minutes)

Presenter: Prof. PALLANTE, Elisabetta (University of Groningen)

Session Classification: Plenary II

Contribution ID: 63

Type: **not specified**

Physics and nature of the highest-energy particles in the Universe

Friday, 2 November 2018 16:30 (40 minutes)

Presenter: HOERANDEL, Joerg (Radboud University Nijmegen)

Session Classification: Plenary III

Contribution ID: 64

Type: **not specified**

Science with impact: the surprising success of climate modelling

Friday, 2 November 2018 19:00 (20 minutes)

Presenter: Prof. VAN DER STEENHOVEN, Gerard (KNMI and TCI University of Twente)

Session Classification: After dinner talk