

ASTRO-TS 2017

Report of Contributions

Contribution ID: 1

Type: **not specified**

Takeshi Kobayashi - Cosmology with Light Scalars

Monday 25 September 2017 09:15 (20 minutes)

Session Classification: ASTROPARTICLE

Contribution ID: 2

Type: **not specified**

Riccardo Murgia - Dark matter at small scales: a general approach

Monday 25 September 2017 10:10 (15 minutes)

Session Classification: ASTROPARTICLE

Contribution ID: 3

Type: **not specified**

Mihael Petac - Phase-space distribution of DM and its importance for indirect detection

Monday 25 September 2017 09:55 (15 minutes)

Session Classification: ASTROPARTICLE

Contribution ID: 4

Type: **not specified**

Chiara Feruglio - The ALMA view of the life cycle of galaxies

Monday 25 September 2017 14:00 (20 minutes)

Session Classification: GALAXY FORMATION

Contribution ID: 6

Type: **not specified**

Milena Valentini - On the effect of galactic outflows in cosmological simulations of disc galaxies

Monday 25 September 2017 14:20 (15 minutes)

Session Classification: GALAXY FORMATION

Contribution ID: 7

Type: **not specified**

Eda Gjergo - Simulating Galaxy Clusters with Dust Formation and Evolution

Monday 25 September 2017 14:35 (15 minutes)

Session Classification: GALAXY FORMATION

Contribution ID: 8

Type: **not specified**

Anna Zoldan - Size and specific angular momentum: dynamical properties in semi-analytic models

Monday 25 September 2017 14:50 (15 minutes)

Session Classification: GALAXY FORMATION

Contribution ID: 9

Type: **not specified**

Jingjing Shi - The Angular Momentum of ETGs and LTGs

Monday 25 September 2017 15:05 (15 minutes)

Session Classification: GALAXY FORMATION

Contribution ID: **10**

Type: **not specified**

Alex Saro - Cosmology with clusters of galaxies

Tuesday 26 September 2017 14:30 (20 minutes)

Session Classification: COSMOLOGY - LSS (clusters/IGM)

Contribution ID: 11

Type: **not specified**

Eleonora Villa - Theoretical systematics in galaxy correlations beyond LCDM

Tuesday 26 September 2017 15:05 (20 minutes)

Session Classification: COSMOLOGY - LSS (clusters/IGM)

Contribution ID: 13

Type: **not specified**

Emiliano Munari - Finding galaxy clusters in Euclid. A challenge among the cluster finders

Tuesday 26 September 2017 15:40 (20 minutes)

Session Classification: COSMOLOGY - LSS (clusters/IGM)

Contribution ID: 14

Type: **not specified**

Lasma Alberte - On equivalence principle in scalar-tensor theories

Tuesday 26 September 2017 09:00 (20 minutes)

Session Classification: COSMOLOGY - CMB and early universe

Contribution ID: 15

Type: **not specified**

Andrei Khmelnitsky - Cosmological Collider Physics

Tuesday 26 September 2017 09:20 (20 minutes)

Session Classification: COSMOLOGY - CMB and early universe

Contribution ID: 17

Type: **not specified**

Davide Poletti - Constraining B-modes with the POLARBEAR experiment.

Tuesday 26 September 2017 09:40 (20 minutes)

Session Classification: COSMOLOGY - CMB and early universe

Contribution ID: **18**

Type: **not specified**

Nicoletta Krachmalnikoff - The problem of Galactic foreground in the measurement of CMB B-modes

Tuesday 26 September 2017 10:00 (20 minutes)

Session Classification: COSMOLOGY - CMB and early universe

Contribution ID: 19

Type: **not specified**

Giuseppe Puglisi - contamination to CMB polarization: a 3D model for CO molecular line emission

Tuesday 26 September 2017 10:20 (15 minutes)

Session Classification: COSMOLOGY - CMB and early universe

Contribution ID: 21

Type: **not specified**

Tommaso Ronconi - Cosmology with voids: a look at the underdense side of the Large Scale Structure

Tuesday 26 September 2017 15:25 (15 minutes)

Session Classification: COSMOLOGY - LSS (clusters/IGM)

Contribution ID: 22

Type: **not specified**

Andrej Obuljen - High redshift cosmology with 21cm intensity mapping

Tuesday 26 September 2017 17:00 (15 minutes)

Session Classification: COSMOLOGY - LSS (clusters/IGM)

Contribution ID: 23

Type: **not specified**

Viviana Gammaldi - Indirect dark matter searches

Monday 25 September 2017 09:35 (20 minutes)

Session Classification: ASTROPARTICLE

Contribution ID: 24

Type: **not specified**

Anirban Roy - Observing Patchy reionization with CMB-S4

Tuesday 26 September 2017 14:50 (15 minutes)

Session Classification: COSMOLOGY - LSS (clusters/IGM)

Contribution ID: 25

Type: **not specified**

Intro and Rationale - M. Viel & F. Perrotta

Session Classification: ASTROPARTICLE

Contribution ID: 26

Type: **not specified**

Gabriele Cescutti - Probing the nature of the First Stars

Tuesday 26 September 2017 11:35 (20 minutes)

Session Classification: CHEMICAL EVOLUTION AND STARS

Contribution ID: 27

Type: **not specified**

Guglielmo Costa - New stellar evolution models with rotation

Tuesday 26 September 2017 11:55 (15 minutes)

Session Classification: CHEMICAL EVOLUTION AND STARS

Contribution ID: 28

Type: **not specified**

Valeria Grisoni - Modelling the chemical evolution of the Milky Way thick and thin discs

Tuesday 26 September 2017 12:10 (15 minutes)

Session Classification: CHEMICAL EVOLUTION AND STARS

Contribution ID: 29

Type: **not specified**

Lorenzo Gioannini - The Galactic Habitable Zone: the effects of metals and dust

Tuesday 26 September 2017 12:25 (15 minutes)

Session Classification: CHEMICAL EVOLUTION AND STARS

Contribution ID: **30**

Type: **not specified**

Lara Nava

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: 31

Type: **not specified**

Gor Oganessian

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: **32**

Type: **not specified**

Luca Tornatore

Session Classification: TECHNOLOGY

Contribution ID: 33

Type: **not specified**

Veronica Baldini

Session Classification: TECHNOLOGY

Contribution ID: **34**

Type: **not specified**

David Goz

Session Classification: TECHNOLOGY

Contribution ID: 36

Type: **not specified**

Luca Tornatore - Astrophysical codes migration towards exascale era

Monday 25 September 2017 11:30 (20 minutes)

Session Classification: TECHNOLOGY

Contribution ID: 37

Type: **not specified**

Veronica Baldini - From ESPRESSO@VLT to HIRES@ELT: Instrument Control Software and Electronics developed at INAF-OATs

Monday 25 September 2017 12:05 (15 minutes)

Session Classification: TECHNOLOGY

Contribution ID: 38

Type: **not specified**

David Goz - Power efficient software acceleration using programmable logic in the Exascale Era

Monday 25 September 2017 11:50 (15 minutes)

Session Classification: TECHNOLOGY

Contribution ID: 40

Type: **not specified**

Alessandro Trani - Circumnuclear gas as probe of supermassive black hole presence

Tuesday 26 September 2017 12:40 (15 minutes)

Session Classification: CHEMICAL EVOLUTION AND STARS

Contribution ID: 42

Type: **not specified**

Isabella Carucci

Session Classification: ASTROPARTICLE

Contribution ID: 43

Type: **not specified**

Riccardo Munini - The GAPS Experiment to Search for Dark Matter using Low-energy Antimatter

Monday 25 September 2017 10:45 (15 minutes)

Session Classification: ASTROPARTICLE

Contribution ID: 44

Type: **not specified**

Isabella Carucci - Cosmic neutral hydrogen as large scale structure tracer

Tuesday 26 September 2017 16:45 (15 minutes)

Session Classification: COSMOLOGY - LSS (clusters/IGM)

Contribution ID: 45

Type: **not specified**

Alessandro Davoli - Displaced Vertices from Pseudo-Dirac Dark Matter

Tuesday 26 September 2017 10:35 (15 minutes)

Session Classification: COSMOLOGY - CMB and early universe

Contribution ID: 46

Type: **not specified**

CENA in CENTRO

Monday 25 September 2017 19:30 (2 hours)

Contribution ID: 47

Type: **not specified**

Liz Xie - Size evolution of central and satellite galaxies

Monday 25 September 2017 15:20 (15 minutes)

Session Classification: GALAXY FORMATION

Contribution ID: 48

Type: **not specified**

Lara Nava - Gamma-Ray Bursts at high and very high energies

Monday 25 September 2017 16:10 (20 minutes)

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: 49

Type: **not specified**

Gor Oganessian - Radiative processes in gamma-ray burst prompt emission

Monday 25 September 2017 17:00 (15 minutes)

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: 50

Type: **not specified**

Thomas Jacques - Future CTA constraints vs Colliders and Direct Detection

Monday 25 September 2017 10:25 (20 minutes)

Session Classification: ASTROPARTICLE

Contribution ID: 51

Type: **not specified**

Giorgio Calderone - QSFit: Automatic analysis of optical AGN spectra.

Monday 25 September 2017 16:45 (15 minutes)

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: 52

Type: **not specified**

Thomas Gasparetto - CTA science

Monday 25 September 2017 16:30 (15 minutes)

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: 53

Type: **not specified**

Manuel Colavincenzo - Covariance Matrices with Euclid

Tuesday 26 September 2017 16:30 (15 minutes)

Session Classification: COSMOLOGY - LSS (clusters/IGM)

Contribution ID: 54

Type: **not specified**

Davide Miceli - GRB observations with MAGIC

Monday 25 September 2017 17:15 (15 minutes)

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: 55

Type: **not specified**

Marta Trini - Search for neutrinos at the Pierre Auger Observatory

Monday 25 September 2017 17:30 (15 minutes)

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: 56

Type: **not specified**

Gasper Kukec - Multivariate analysis approach to ultra high energy cosmic ray mass composition

Monday 25 September 2017 17:45 (15 minutes)

Session Classification: HIGH ENERGY PHYSICS

Contribution ID: 57

Type: **not specified**

Jean-Philippe Fontaine - The Radial Tully Fisher relation in Dwarf Galaxies

Monday 25 September 2017 15:35 (15 minutes)

Session Classification: GALAXY FORMATION