

**Hydrosim meeting**

# **Report of Contributions**

Contribution ID: 11

Type: **not specified**

## Introduction to hydrosim 2016

*Tuesday, 13 September 2016 09:15 (15 minutes)*

**Presenter:** MURANTE, Giuseppe

**Session Classification:** Technical Talks

Contribution ID: 12

Type: **not specified**

## **Towards modernisation of the Gadget code on many-core architectures**

*Tuesday, 13 September 2016 09:30 (30 minutes)*

**Presenter:** IAPICHINO, Luigi

**Session Classification:** Technical Talks

Contribution ID: **13**

Type: **not specified**

## Exanest

*Tuesday, 13 September 2016 10:00 (30 minutes)*

**Presenter:** TAFFONI, Giuliano

**Session Classification:** Technical Talks

Contribution ID: 14

Type: **not specified**

## **Rambrain - a library for virtually extending physical memory**

*Tuesday, 13 September 2016 10:30 (30 minutes)*

**Presenters:** ARTH, Alexander; IMGRUND, Maximilian

**Session Classification:** Technical Talks

Contribution ID: 15

Type: **not specified**

## Which codes for co-design?

*Tuesday, 13 September 2016 11:30 (30 minutes)*

**Presenter:** TORNATORE, Luca

**Session Classification:** Technical Talks

Contribution ID: 16

Type: **not specified**

## **A web interface to federalize the outcome of large, cosmological, hydro-dynamical simulations**

*Tuesday, 13 September 2016 12:00 (30 minutes)*

**Presenter:** RAGAGNIN, Antonio

**Session Classification:** Technical Talks

Contribution ID: 17

Type: **not specified**

## **Dianoga Clusters: HE and chemical properties of the ICM**

*Wednesday, 14 September 2016 09:30 (30 minutes)*

**Primary author:** BIFFI, Veronica

**Presenter:** BIFFI, Veronica

**Session Classification:** Talks



Contribution ID: **18**

Type: **not specified**

## **Distribution of pressure, clumping and metals in the Dianoga simulations**

*Wednesday, 14 September 2016 10:00 (30 minutes)*

**Presenter:** PLANELLES, Susana

**Session Classification:** Talks

Contribution ID: **19**

Type: **not specified**

## Evolution of scaling relations

*Wednesday, 14 September 2016 10:30 (30 minutes)*

**Presenter:** TRUONG, Nhut

**Session Classification:** Talks

Contribution ID: 20

Type: **not specified**

## **SZE properties of simulated galaxy clusters**

*Thursday, 15 September 2016 11:30 (30 minutes)*

**Presenter:** FABJAN, Dunja

**Session Classification:** Talks

Contribution ID: 21

Type: **not specified**

## **Galaxy cluster pressure profiles, SZE observable-mass relations and center offset distribution in Magneticum Simulations**

*Thursday, 15 September 2016 12:00 (30 minutes)*

**Presenter:** SARO, Alex

**Session Classification:** Talks

Contribution ID: 22

Type: **not specified**

## **Advancements in Chaotic Cold Accretion and Multiphase Halos Astrophysics**

*Thursday, 15 September 2016 09:30 (30 minutes)*

**Presenter:** GASPARI, Massimo

**Session Classification:** Talks

Contribution ID: 23

Type: **not specified**

## **Towards our next steps in modelling AGN activity**

*Thursday, 15 September 2016 10:00 (30 minutes)*

**Presenter:** STEINBORN, Lisa

**Session Classification:** Talks

Contribution ID: 24

Type: **not specified**

## Kinetic AGN feedback

*Thursday, 15 September 2016 10:30 (30 minutes)*

**Presenter:** BARAI, Paramita

**Session Classification:** Talks

Contribution ID: 25

Type: **not specified**

## **The role of different radiative sources**

*Wednesday, 14 September 2016 11:30 (30 minutes)*

**Presenter:** MAIO, Umberto

**Session Classification:** Talks



Contribution ID: 26

Type: **not specified**

## **Simulating ISM turbulence with a low-viscosity SPH**

*Wednesday, 14 September 2016 12:00 (30 minutes)*

**Presenter:** BECK, Alex

**Session Classification:** Talks

Contribution ID: 27

Type: **not specified**

# **Kinematics of Early-Type Galaxies in the Magneticum Pathfinder Simulations**

*Friday, 16 September 2016 09:00 (30 minutes)*

**Presenter:** SCHULZE, Felix

**Session Classification:** Talks

Contribution ID: 28

Type: **not specified**

## **Modeling dust evolution within the GADGET-3 cosmological simulation**

*Friday, 16 September 2016 09:30 (30 minutes)*

**Presenter:** GJERGO, Eda

**Session Classification:** Talks

Contribution ID: 29

Type: **not specified**

## **Formation of late-type galaxies with cosmological simulations: the role of galactic outflow modelling**

*Friday, 16 September 2016 10:00 (30 minutes)*

**Presenter:** VALENTINI, Milena

**Session Classification:** Talks

Contribution ID: 31

Type: **not specified**

## Improving fast generation of halo catalogs with PINOCCHIO

*Friday, 16 September 2016 10:30 (30 minutes)*

**Presenter:** MUNARI, Emiliano

**Session Classification:** Talks