

Cold Cores 2023



Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening of the meeting

Wednesday, 24 May 2023 08:30 (10 minutes)

Contribution ID: 2

Type: **not specified**

Galaxy mergers and star formation

Wednesday, 24 May 2023 08:40 (40 minutes)

Primary author: TOTH, Viktor (TEST)

Presenter: TOTH, Viktor (TEST)

Contribution ID: 3

Type: **not specified**

Towards a statistical understanding of the star formation process

Wednesday, 24 May 2023 09:20 (40 minutes)

Primary author: SANCHEZ-MONGE, Alvaro

Presenter: SANCHEZ-MONGE, Alvaro

Contribution ID: 4

Type: **not specified**

VLA observations of young stellar clusters

Wednesday, 24 May 2023 14:30 (30 minutes)

Primary author: BUSQUET, Gemma

Presenter: BUSQUET, Gemma

Contribution ID: 5

Type: **not specified**

Morphology and fragmentation of a high-mass star-forming filament

Wednesday, 24 May 2023 10:50 (30 minutes)

Primary author: MANNFORS, Emma

Presenter: MANNFORS, Emma

Contribution ID: 6

Type: **not specified**

Dust column densities: errors, estimates, and error estimates

Wednesday, 24 May 2023 11:20 (40 minutes)

Primary author: JUVELA, Mika

Presenter: JUVELA, Mika

Contribution ID: 7

Type: **not specified**

3D extinction mapping of the Milky Way with the Besançon Galaxy Model in the Gaia era

Wednesday, 24 May 2023 12:00 (30 minutes)

Primary author: DEFORET, Barnabe

Presenter: DEFORET, Barnabe

Contribution ID: 8

Type: **not specified**

Determining distances to cold cores using stellar parallax measurements from Gaia

Wednesday, 24 May 2023 14:00 (30 minutes)

Primary author: MARSHALL, Doug

Presenter: MARSHALL, Doug

Contribution ID: 9

Type: **not specified**

Will ALMA Reveal the True Core Mass Function of Protoclusters?

Thursday, 25 May 2023 08:30 (40 minutes)

Primary author: PADOAN, Paolo (ICCUB)

Presenter: PADOAN, Paolo (ICCUB)

Contribution ID: 10

Type: **not specified**

Automatized search for hub-filament systems in numerical simulations data

Thursday, 25 May 2023 09:10 (30 minutes)

Primary author: MAKAROVA, Dana

Presenter: MAKAROVA, Dana

Contribution ID: 11

Type: **not specified**

Large-scale accretion in Class II YSOs

Thursday, 25 May 2023 09:40 (30 minutes)

Primary author: PELKONEN, Veli-Matti

Presenter: PELKONEN, Veli-Matti

Contribution ID: 12

Type: **not specified**

Magnetic field of a ring-like star forming molecular cloud

Thursday, 25 May 2023 11:00 (40 minutes)

Primary author: ALINA, Dana

Presenter: ALINA, Dana

Contribution ID: 13

Type: **not specified**

Magnetized Clustered Molecular Clouds in Orion

Thursday, 25 May 2023 11:40 (30 minutes)

Primary author: HUANG, Bo

Presenter: HUANG, Bo

Contribution ID: 14

Type: **not specified**

The B335 magnetized core: on the ionization fraction

Thursday, 25 May 2023 12:10 (30 minutes)

Primary author: GIRART, Josep-Miquel

Presenter: GIRART, Josep-Miquel

Contribution ID: 15

Type: **not specified**

Multi-component Magnetic Field in the Sagittarius Spiral Arm

Thursday, 25 May 2023 14:10 (40 minutes)

Primary author: DOI, Yasuo

Presenter: DOI, Yasuo

Contribution ID: 16

Type: **not specified**

Statistical Analysis of the Relative Orientation Between Filaments and Magnetic Fields in Star Forming Regions

Thursday, 25 May 2023 14:50 (30 minutes)

Primary author: OERS, Jonathan

Presenter: OERS, Jonathan

Contribution ID: 17

Type: **not specified**

Magnetic field and gas: models to quantify magnetic braking

Friday, 26 May 2023 08:30 (30 minutes)

Primary author: AÑEZ-LÓPEZ, Nacho

Presenter: AÑEZ-LÓPEZ, Nacho

Contribution ID: 18

Type: **not specified**

Multi-scale dynamics and magnetic fields in the high-latitude molecular cloud MBM12

Friday, 26 May 2023 09:00 (30 minutes)

Primary author: VORSTER, Job

Presenter: VORSTER, Job

Contribution ID: 19

Type: **not specified**

Latest news from the B-FROST programme

Friday, 26 May 2023 09:30 (30 minutes)

Primary author: MONTILLAUD, Julien

Presenter: MONTILLAUD, Julien