

Cosmic turbulence and magnetic fields : physics of baryonic matter across time and scales

2023 | 25 - 29
September

Two main themes will be developed in parallel along the week, with ample time dedicated to discussions:

*Astrophysical challenges: Universe reionisation, Galaxy formation and evolution, Star formation and Interstellar medium

* Physical processes: Turbulence, Plasma physics, Cosmic rays, Astrochemistry

Registration

The pre-registration and abstract submission (deadline: April 15) are now open. The attendance being limited to 100, participants will be selected on the basis of the acceptance of their abstract by the SOC, but a pre-registration is mandatory for the abstract submission. There will be no registration fee.

Important dates

Pre-registration and abstract submission opening:

February 22, 2023

Deadline for abstract submission: April 15, 2023

Confirmation of abstract selection: May 30, 2023

Final scientific program announcement : June 15, 2023

Registration closure : September 1, 2023

Organizers

Olga Alexandrova (Observatoire de Paris)
Fabrizio Arrigoni Battaia (MPA, Garching)
François Boulanger (ENS, Paris),
Andreas Burkert (Univ of Munich),
Edith Falgarone (ENS Paris, co-chair),
Anastasia Fialkov (Kavli Inst, Cambridge)
Ralf Klessen (University of Heidelberg),
Pierre Lesaffre (ENS Paris, co-chair)
Colin Norman (Johns Hopkins Univ, Baltimore)
Romain Teyssier (Princeton Univ)

Speakers

Agertz, Oscar [Lund University, SW]
Bhattacharjee, Amitava [Princeton Univ, USA]
Bracco, Andrea [ENS, Paris, FR]
Brüggen, Marcus [Hamburg Univ, DE]
Burkhart, Blakesley [Rutgers Univ, USA]
Bykov, Andrei [Ioffe Inst, St. Petersburg, RU]TBC
Chandran, Benjamin [Univ of New Hampshire, UK]

Decarli, Roberto [INAF, Bologna, IT]
Federrath, Christoph [ANU, Canberra, AU]
Fielding, Drummond [Flatiron Inst, New-York, USA]
Godard, Benjamin [Obs de Paris, FR]
Guillard, Pierre [IAP, Paris, FR]
Hennebelle, Patrick [AIM, CEA, FR]
Hily-Blant, Pierre [Obs de Grenoble, FR]
Jelic, Vibor [IRB, Zagreb, HR]
Kim, Chang-Goo [Princeton Univ, USA] (TBC)
Kreckel, Kathryn [Heidelberg Univ, DE]
Kunz, Matthew [Princeton Univ, USA]
Lemoine, Martin [IAP, Paris, FR]
Louarn, Philippe [Obs Midi-Pyrénées, FR] (TBC)
Matthaeus, William [Univ of Delaware, USA]
Meidt-van der Wel, Sharon [Gent University, BE]
Miville-Deschênes, Marc-Antoine [AIM, CEA, FR]
Oh, Peng [Univ of California, Santa Barbara, USA]
Passot, Thierry [OCA, Nice, FR]
Pety, Jérôme [IRAM, Grenoble, FR] (TBC)
Péroux, Céline [ESO, Garching, DE]
Pfrommer, Christoph [Univ of Potsdam, DE]
Pillepich, Annalisa [MPIA, Heidelberg, DE]
Pomeau, Yves [Ecole Polytechnique, Palaiseau, FR]
Pouquet, Annick [NCAR, Boulder, USA]
Schekochihin, Alex [Oxford University, UK]
Schinnerer, Eva [MPIA, Heidelberg, DE]
Schober, Jennifer [EPFL, Lausanne, CH]
Semenov, Vadim [CfA, Harvard, USA]
Sorriso-Valvo, Luca [ISTP/CNR, Bari, IT]
Stone, James [IAS, Princeton, USA]
Subramanian, Kandaswamy [IUCAA, Pune, IN]
Velli, Marco [UCLA, USA]
Verhamme, Anne [University of Geneva, CH]
Vidal-Garcia, Alba [OAN, Madrid, ES]
Villa Velez, Jorge [ENS, Paris, FR]
Zaroubi, Saleem [Kapteyn Astronomical Inst NL]

INFORMATION

<https://mist2023.sciencesconf.org/registration>

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