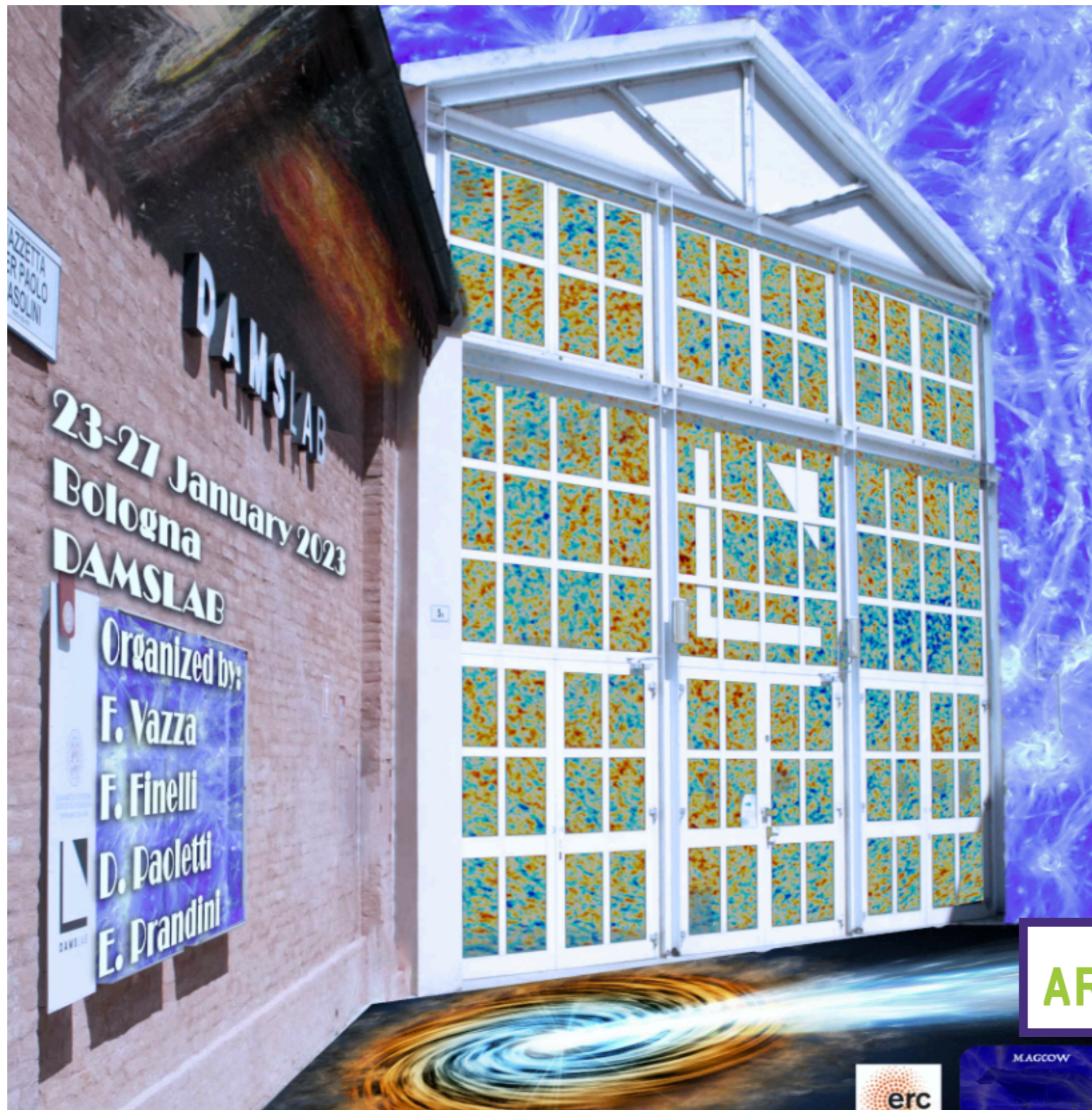


Welcome!



ARTI  **CULTURE**

Stefania Marconi
Sofia Murari



A few important infos

cosmosimfrazza.eu/primordial-magnetism-2023

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Radio Web

High res. MHD clusters

All Magnetic Projects

Scenarios for Magnetogenesis

ERC-MAGCOW

Primordial magnetism 2023

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Cosmic Magnetism in Voids & Filaments

Bologna 23-27 Jan. 2023

Scientific Organising Committee :
F. Vazza (UNIBO), D. Paoletti & F. Finelli (OAS/INAF), E. Prandini (UNIPD)

A conference dedicated to the study of cosmic magnetism using probes of the Cosmic Microwave Background, emissions from Blazars, and theory with cosmological simulations.

Scientific questions:

- what are the observable features of primordial magnetism?
- how does primordial magnetism affect structure formation?
- how can we use Blazar to constrain cosmic magnetism?

This Conference is fully supported by the [ERC StG "Magcow"](#) and the logistics is managed by [ARTICOLTURE S.R.L.](#)

[Timetable](#)

[Logistic Information](#)

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[#CosmoMag2023](#)

[mastodon](#)



LOGISTIC INFORMATION



- **VENUE** : it will all take place at [DamsLab](#) at the Art Departments of the University of Bologna. It is at 650m (7 minutes walk) from Hotel del Porto, in case you are hosted there, and 1km from the Train station. Our conference room will be the [Theatre](#) which has 85 seats available. There will be guest wifi accounts, or you connect via Eduroam. We will do our best to put enough electric plugs in the room, but it won't be a bad idea to come already with your devices fully charged!



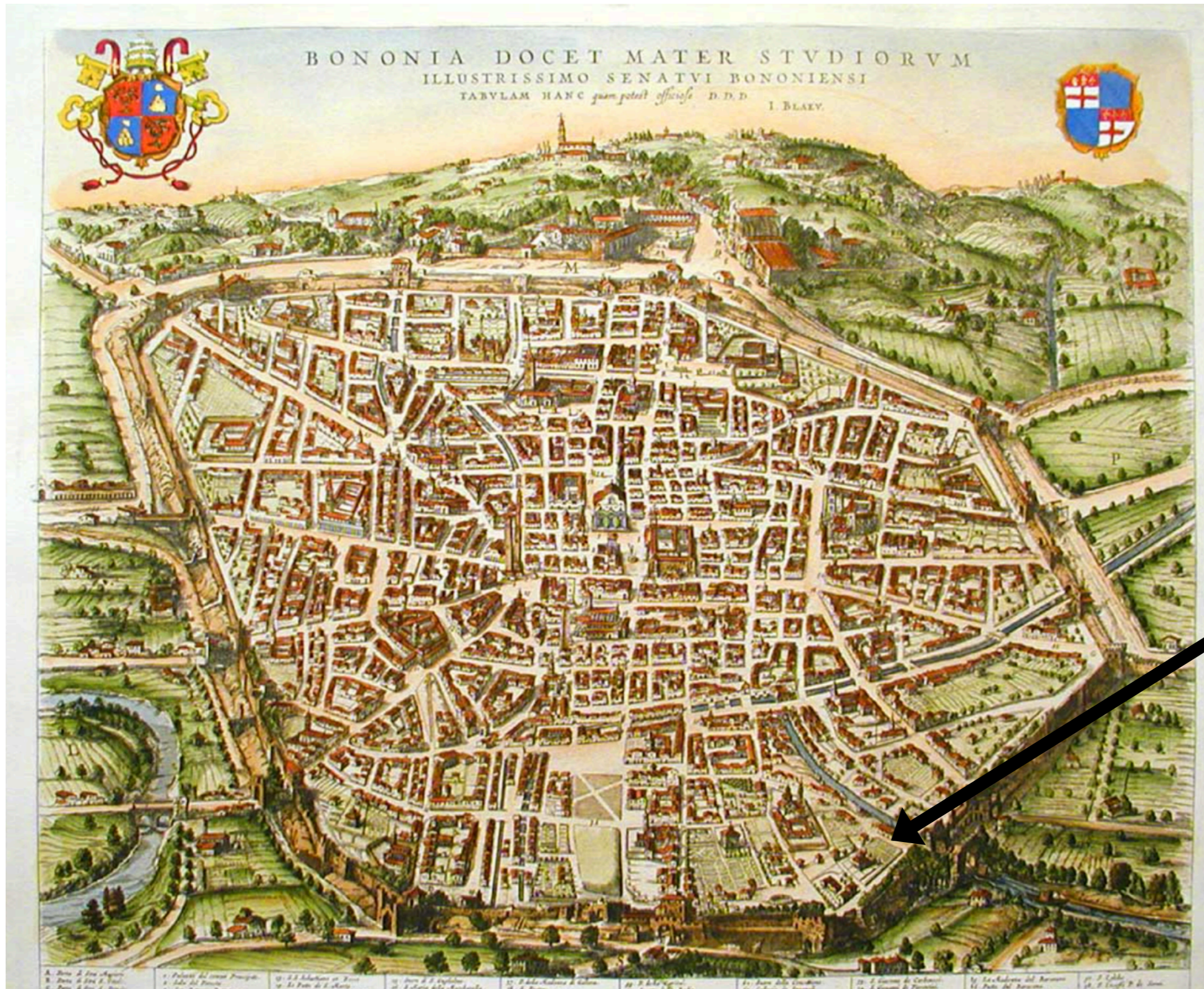
- **TIMETABLE**: the activities will begin at 14 on Monday 23rd, and end at about 12 on Friday 27th. The schedule of days in between will be about from 9 to 12 and from 14 to 18 (with small variations). We put on purpose quite a mix of topics every day, so that we don't have a fully primordial, or blazars, or simulations blocks. You can see our timetable [here](#) or here ([PDF](#)).

- **REGISTRATION AND CONFERENCE ATTENDANCE CERTIFICATE**: on Monday 23rd we will open the Conference Room since 13. if you

A few important infos

- **SPEAKERS AND TALKS:** please send the PDF your talk in advance to eventi@articulture.it, or ask them for the zoom link and share your screen if needed. Unless you tell us otherwise, we will make PDFs available for all participants. There is no video recording of talks.
- **WIFI CONNECTIONS:** via EDUROAM or asking eventi@articulture.it for a guest account.
- **CODE OF CONDUCT:** you agreed already! Our ombudsperson is mbrueggen@hs.uni-hamburg.de
- **LUNCH:** is on your own, we have a long list of suggestions at <https://cosmosimfrazza.eu/logistics> The city centre, with 100+ of restaurants, is ~1km away. Explore!
- **THIS ROOM AND SAFETY (OF PC/TROLLEY):** this room will remain open during lunchtime and breaks, to allow people working if they need. There is no surveillance, so leave devices at your own risk.
- **CONFERENCE DINNER:** on Wednesday 25th at 20.00 at Cantina Bentivoglio (free of charge).
- **SOC EMAIL:** cosmicmagnetism.voidfilaments@gmail.com

This place



we are here:

Porta Lama: it sounds like “Blades Gate”

...but it actually means Gate to the Swamp in older Italian

This place

- **“Battle of Porta Lama”**: on 7/11/1944 was the biggest clash between partisans and nazi-fascists within Italian cities in WWII, with hundreds of casualties. It is commemorated every year.



- **DAMS** : “Disciplines of Arts, Music and Show business” of the University of Bologna. First of its kind in Italy, funded in 1970 also by Umberto Eco .
- **DAMSLab**: new buildings on the premises of the municipality slaughterhouse, made in 1996 (arch. A. Rossi), now dedicated to cultural, artistic and outreach events.

The science!

50 TALKS

- What are the observable features of **primordial magnetism**?
- What do **cosmological simulations** predict about cosmic magnetism?
- How can we use **Blazar** to constrain cosmic magnetism?

“The whole is greater than the sum of its parts”

...A joint approach to the study of cosmic magnetism across a wide range of redshifts and scales is crucial to make potentially transformative advances in this field.

5 DISCUSSION SECTIONS

- ~1hr long. Topics are mixed every day, so there may be “leading themes” , but feel free to introduce any topic/question you think it’s important!