

# 10<sup>TH</sup> PAMIR International Conference Fundamental and Applied MHD



co-organized with



and



20-24 June 2016  
Cagliari, Sardinia  
ITALY

## Second Announcement and Call for Papers

### • SCOPE

The 10<sup>th</sup> PAMIR International Conference will be a forum for presentation and discussion of the most recent advancements and in all the fields of Fundamental and Applied MHD: theory, numerical modeling, experiments and applications. The event is open to experts and scientists with different backgrounds (engineers, physicists, mathematicians, material scientists, chemists, etc) to present, discuss, exchange ideas, methods and results. The main topics of PAMIR are:

- Basic MHD
- Thermoacoustic
- Space technologies
- Liquid metal technologies for coolant applications
- Applied MHD for material application
- Ferrofluids
- MHD energy conversion.

### • IMPORTANT DATES

<b>Abstracts submission deadline</b>	December 15, 2015
<b>Notification of acceptance</b>	February 15, 2016
<b>Submission of full papers</b>	April 15, 2016
<b>Final date for early registration</b>	April 20, 2016
<b>Final program available</b>	June 1, 2016



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- **CHAIRMEN:**

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*Augusto Montisci, Italy*

- **CO-CHAIRMEN:**

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*Janis Freibergs, Latvia*  
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*Odenbach, S. Germany*  
*Proctor, M.R.E. UK*  
*Roux, J.P. France*  
*Sellier, A. France*  
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*Sviridov V.G. Russia*  
*Uhlemann, M. Germany*  
*Zabinski, P. Poland*  
*Zeminiani, E. Italy*

- **LANGUAGE**

English both for presentation and manuscripts.

- **LOCATION**

The 10<sup>th</sup> PAMIR International Conference will be held in Cagliari-Sardinia, Italy. Sardinia is a beautiful island in Mediterranean, and offers many attractions: sun, sea, sights and natural landscapes of special charm. Cagliari, the regional capital of Sardinia, is a town full of fascinating history and friendly people. Located on the southern side of the island, Cagliari is linked to the mainland by the port and the airport. It owes its features to a melting pot of traditions, architectural styles and habits, influenced in turn by the former Roman, Byzantine, and Spanish dominations. A blend of the old and the new, Cagliari is at the same time a historical cultural city and a leading centre of the Sardinian economy. Get to know the city through three big themes: history, culture, and nature, which in Cagliari manifest itself above all in the beaches and humid zones which surround the city. Cagliari offers a lot both to casual tourists and people passionate about the zone. Cagliari, from the Phoenician period to the present day, has been a strategic area, a city in the centre of commercial and cultural traffic in the big "Mare Nostrum". Now Cagliari is a city which looks out onto the sea and is reflected in it.

- **PROGRAMME**

The programme includes a plenary session, invited and submitted papers organized in parallel half-day sessions, and two poster sessions organized in guided tours. A comprehensive choice of industry visits, banquets, get-together events and tours for delegates and accompanying persons will give them a memorable experience in Cagliari. A preliminary conference schedule is available on the website of the Conference.



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- **EXHIBIT**

Space consisting of stands or booths has been reserved for exhibits and demonstrations by corporations and businesses specializing in MHD equipment and software products. Early reservation for exhibit space is recommended. For reservation information contact the secretary (e-mail: [pamir2016@diee.unica.it](mailto:pamir2016@diee.unica.it)).

- **SUBMISSION PROCEDURES**

Prospective Authors are requested to submit preliminary **Abstracts** outlining the relevance and the originality of their works. The authors of accepted papers will be invited to present their research work at the Conference by oral or poster presentations. All contributors of presented papers are invited to submit **full papers** for possible publication in a Special Issue to **Magneto hydrodynamics International Journal**, indexed and abstracted in Science Citation Index Expanded (SciSearch) and Journal Citation Reports/Science, published by Thomson Scientific. Papers must be presented at the conference by a registered co-author in order to be considered for journal publication.

- **VENUE AND HOTEL ACCOMODATION**

The 10<sup>th</sup> PAMIR International Conference will be held at the conference rooms of the T-Hotel (<http://www.thotel.it/en>). The T-Hotel is a 4 star hotel in Cagliari, which offers a large variety of services and comforts tailor made for you.

The Conference Secretariat has proposed different kind of solutions to accommodate the participants. Hotel reservation information is available on the web site of the Conference.

- **REGISTRATION**

Registration fees cover Conference Proceedings and all social activities stated in the programme. Please, note that the prepaid advance registration, which saves you time and money, must be received before 20 April 2016. All details concerning the registration fees are available on the website of the Conference. All authors whose papers are accepted **must** register (early registration) for the Conference in order to have their papers published in the Proceedings of PAMIR 2016 (at least one author for each paper).

- **INQUIRIES**

For further information please visit conference website: [www.diee.unica.it/pamir2016](http://www.diee.unica.it/pamir2016)

or contact PAMIR2016 Secretariat:

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## Summer School: MHD for Space Applications

In parallel with the conference, a **free** of charge summer school will be held with the topics centered on **MHD for Space Applications**. The school will be held at the Department of Electrical and Electronic Engineering of the University of Cagliari.

The course will be given only in the morning from June 21 to June 24 (4 days) to give the possibility to the students to attend at the conference in the afternoon.

The topics of the preliminary programme of the summer school are:

	9:00-9:45	9:45-10:30	10:30-11:00	11:00-11:45	11:45-12:30	12:30-13:15
Tuesday June, 21	The Solar system	The Solar system	BREAK	Solar wind	Solar wind	Solar wind
Wednesday June, 22	Italian structures for space studies	Italian structures for space studies	BREAK	Italian structures for space studies	Italian structures for space studies	Italian structures for space studies
Thursday June, 23	The energy sources in space	The energy sources in space	BREAK	Electricity production in space	Electricity production in space	Electricity production in space
Friday June, 24	The propulsion systems	The propulsion systems	BREAK	The propulsion systems	The propulsion systems	The propulsion systems

For further details please visit the summer school page: <http://www.diee.unica.it/pamir2016/school.php>

