

#PETtech23

# PET Electronics & Technologies 2023

Workshop on  
**Electronics and Advances for  
Future High-Performance PET Systems**

**September 12th – 13th 2023**

at Fraunhofer-inHaus-Center in Duisburg, Germany

## REGISTRATION & CALL FOR POSTERS

We are happy to announce our first workshop on PET Electronics & Technologies, a forum for international research and academia to meet and exchange the latest developments in this field.

### Main topics

- Requirements from PET applications, systems & gamma detectors
- Photo detectors
- Read-out electronics
- 3D integration
- ASICs & digital signal processing
- Algorithms & AI for data analysis

# PET Electronics & Technologies - 2023

The first workshop on PET Electronics & Technologies co-organized by Fraunhofer IMS and Forschungszentrum Jülich GmbH is going to take place on September 12th – 13th 2023 at the Fraunhofer-inHaus-Center in Duisburg, Germany

## Scope and program

The objective of this workshop is to define the future demands on PET technologies, electronics, and data analysis. These will be discussed with experts on electronics, chip development, and data science.

The two-day program offers 30 talks of renowned speakers of the PET community from academia and industry.

Two podium discussions are intended to discuss the commons and differences of the presented demands and approaches. At the end of the workshop, a list of design criteria for PET electronics and data analysis will be defined based on the discussed requirements.

On Tuesday evening we will end the first day with a poster session and an informal get together with some food and drinks at the atrium of the Fraunhofer-inHaus-Center.

The preliminary agenda can be found on our [website](#).

Click the text here or scan the QR-Code.



## Poster session

A poster session will be organized on Tuesday evening. Students and scientists are invited to submit an abstract for a poster before July 31st. Abstracts (max 1 page) must be submitted by e-mail to [PET-workshop@ims.fraunhofer.de](mailto:PET-workshop@ims.fraunhofer.de)

Accepted posters will be displayed in the atrium of the lecture hall. At least one author must register for the workshop. After the event authors of accepted posters will be invited to prepare a full paper for publication in the IOP-JINST after peer review.

## Registration

Registration is open until September 1st, 2023; Early-bird registration is possible by July 31st, 2023. The registration fee is 250 € for early-bird registration and 350 € for registration after

July 31st. The registration fee includes participation at all workshop events, lunches, drinks, and the get together catering.

Please use the registration link on our [website](#).

Click the text here or scan the QR-Code.



We are looking forward to welcoming you!

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### Organization committee:

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