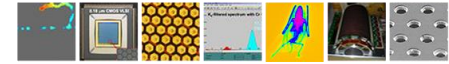




DEMOKRITOS

RD51 Collaboration



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Institute of Nuclear and Particle Physics
21/6/2023

***The Micro Pattern Gaseous Detectors
Conference series***

2009 - 2024

Micro Pattern Gas Detectors – MPGD – Conference series

A successful series of MPGD conferences are taking place every two years since 2009

- 1) [MPGD2009, 12 – 17 June 2009, Kolympari, Crete, Greece](#)
- 2) [MPGD2011, 29/8 – 1/9 2011, Kobe, Japan](#)
- 3) [MPGD2013, 1 – 6/7 2013, Zaragoza, Spain](#)
- 4) [MPGD2015, 12 – 17/10 2015, Trieste, Italy](#)
- 5) [MPGD2017, 22 – 26/5 2017, Philadelphia, USA](#)
- 6) [MPGD2019, 5 – 10/5 2019, La Rochelle, France](#)
- 7) [MPGD2022, 11 – 16/12 2022, Rehovot, Israel](#)
- 8) MPGD2024, 14 – 18/10 2024, USTC, China

Scientific program

- MPGDs
- Detector physics
- Performance studies
- Simulations and software
- Applications
- Electronics
- Production techniques

Participation: about 120 scientists

Contributions: About 40 +10 (inv.) Oral and 40 – 50 posters

Proceedings: Refereed (internal) publishing in JINST, WoS, JPCS (IOP Conf)

Organized together with an RD51 Collaboration meeting

MPGD Conference Committees

MPGD International Organizing Committee

- Silvia Dalla Torre, INFN, Trieste
 - Klaus Desch, Bonn University
 - Theodoros Gerasis, NCSR Demokritos
 - Ioanis Giomataris, CEA, Saclay, chair
 - Tatsuo Kawamoto, CEA, Saclay
 - Jianbei Liu, USTC, Hefei
 - Atsuhiko Ochi, Kobe University
 - Eraldo Oliveri, CERN
 - Leszek Ropelewski, CERN
 - Maxim Titov, CEA, Saclay
 - Andy White, UTA
- Main driving organization body
 - Regular meetings
 - Co-organizes with Local Organizing Committee up to handing main organization to LOC
 - IOC + LOC decide on abstracts approval
- RD51 Spokesperson ex-officio in the IOC

MPGD International Advisory Committee

- Ties Behnke, DESY
 - Amos Breskin, WIS
 - Paul Colas, CEA Saclay
 - Klaus Dehmelt, Stony Brook University
 - Georgios Fanourakis, NCSR Demokritos
 - Harry van der Graaf, Nikhef and TU Delft
 - Junji Haba, KEK
 - Mauro Iodice, Roma 3
 - John Jaros, SLAC
 - Takeshi Matsuda, KEK
 - David Nygren, UTA
 - Eraldo Oliveri, CERN
 - Davide Pinci, Roma 1
 - Werner Riegler, CERN
 - Fabio Sauli, CERN
 - Toru Tamagawa, RIKEN
- Advises on scientific directions
 - IAC + IOC Participates in Organization selection

MPGD Local Organizing Committee

- IOC + LOC regular meetings
Takes over organizing for the period
Close to the conference time

Selection of Organizing Institute

- Usually immediately after the end of an MPGD Conference
- Call for expression of interest,
- Presentations from candidates
- Decision (vote) from IOC+IAC

Micro Pattern Gas Detectors – MPGD – Conference series

- A very successful conference series on MPGD instrumentation
- It reflects the enormous progress in Micro Pattern developments since the middle of '90s in fundamental research and in applications
- Valuable investment in development laboratories at CERN and in other institutions
- There is still potential for further developments and a large community investing in MPGDs
- It should continue all the same even after the transition from RD51 to DRD1