

PSD and Micro Pattern Gas Detectors technologies

Monday 13 September 2021 11:15 (25 minutes)

Micro Pattern Gas Detectors, used today in several experiments and applications, are recognized as a mature and successful technology. The ability to adapt to a wide range of requirements is offered by the variety of micro patterns solutions available, their reciprocal compatibility, the achieved skills in manufacturing processes and the continuous advancement in readout technologies. This aspect is a key ingredient behind the various and diversified R&D lines involving MPGD and behind the current dissemination of these technologies in numerous fields.

The keynote will try to highlight, via examples, possibilities and strategies in position sensitive detector based on MPGD technologies. Large prominence will be given to the readout stage, touching aspects that are not exclusives of MPGD technologies. Potential and promising future developments in the field will be outlined.

Your name

Eraldo Oliveri

email

eraldo.oliveri@cern.ch

Title

Nationality

Italian

Institute

CERN

Author: OLIVERI, Eraldo (CERN)

Presenter: OLIVERI, Eraldo (CERN)

Session Classification: Gas-based Detectors 1