

# **DRD1 Topical Workshop on Detector Manufacturing and Production**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## uRGroove manufacturing

*Thursday 27 February 2025 08:55 (20 minutes)*

**Presenters:** HE, Siqu (University of Science and Technology of China (CN)); ZHOU, Yi; ZHOU, Yi (University of Science and Technology of China (CN))

**Session Classification:** Manufacturing Technologies

Contribution ID: 2

Type: **not specified**

## **MPGDs manufacturing at the CERN MPT Workshop**

*Thursday 27 February 2025 08:35 (20 minutes)*

**Presenter:** DE OLIVEIRA, Rui (CERN)

**Session Classification:** Manufacturing Technologies

Contribution ID: 3

Type: **not specified**

## FTD Detector Technology Center (Bonn)

*Thursday 27 February 2025 11:40 (20 minutes)*

**Presenter:** BALL, Markus (University of Bonn (DE))

**Session Classification:** New Manufacturing and Production Facilities

Contribution ID: 4

Type: **not specified**

## MPGD Production Center at JLAB

*Thursday 27 February 2025 15:00 (20 minutes)*

**Presenter:** GNANVO, Kondo (Southeastern Universities Research Association, Inc. (US))

**Session Classification:** Industrial Partners and Spin-Offs

Contribution ID: 5

Type: **not specified**

## MPGD Production Center at USTC

*Thursday 27 February 2025 11:00 (20 minutes)*

**Presenters:** ZHOU, Yi; ZHOU, Yi (University of Science and Technology of China (CN))

**Session Classification:** New Manufacturing and Production Facilities

Contribution ID: 6

Type: **not specified**

## DRD1 Common Facility for RPC

*Thursday 27 February 2025 12:00 (20 minutes)*

**Presenters:** IASELLI, Giuseppe (Universita e INFN, Bari (IT)); LAKTINEH, Imad (Centre National de la Recherche Scientifique (FR))

**Session Classification:** New Manufacturing and Production Facilities

Contribution ID: 7

Type: **not specified**

## MPT workshop

**Presenter:** DE OLIVEIRA, Rui (CERN)

**Session Classification:** Existing Manufacturing and Production Facilities



Contribution ID: 8

Type: **not specified**

## The CERN/INFN DLC Sputtering Machine

*Thursday 27 February 2025 17:20 (20 minutes)*

**Presenters:** MORELLO, Gianfranco (INFN e Laboratori Nazionali di Frascati (IT)); Dr BENCIVENNI, Giovanni (INFN e Laboratori Nazionali di Frascati (IT)); FLOETHNER, Karl Jonathan (University of Bonn (DE)); IODICE, Mauro (INFN - Sezione di Roma Tre); DE OLIVEIRA, Rui (CERN); FERRY, Serge (CERN)

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: 9

Type: **not specified**

## Thermal Bonding Micromegas Production

**Presenters:** LIU, Jianbei (University of Science and Technology of China (CN)); ZHANG, Zhiyong

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: **10**

Type: **not specified**

## **GEM production in Korea**

*Friday 28 February 2025 09:30 (20 minutes)*

**Presenter:** Dr KIM, Dong Hyun

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: **11**

Type: **not specified**

## **MPGD Workshop at IRFU/CEA Saclay**

*Thursday 27 February 2025 18:00 (20 minutes)*

**Presenter:** MORENO, Brahim Alain (Université Paris-Saclay (FR))

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: 12

Type: **not specified**

## **Production Facility at Weizman Institute of Science (wire)**

*Friday 28 February 2025 08:30 (20 minutes)*

**Presenters:** COHEN, Gil (Weizmann Institute of Science (IL)); SHOA, Meir (Weizmann Institute of Science (IL))

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: 13

Type: **not specified**

## **Welding Straw Technology / JINR and Kazakhstan**

*Friday 28 February 2025 08:50 (20 minutes)*

**Presenter:** ENIK, Temur (Joint Institute for Nuclear Research (RU))

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: 14

Type: **not specified**

## Thin Film Coating and Glass (TFG) Facility at CERN

*Thursday 27 February 2025 17:40 (20 minutes)*

**Presenter:** SCHNEIDER, Thomas (CERN)

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: 15

Type: **not specified**

## The ELVIA Electronics company

*Thursday 27 February 2025 14:00 (20 minutes)*

ZOOM

**Presenters:** Dr ATTIE, David (CEA/Irfu - Université Paris-Saclay (FR)); BRISSET, Thibaut (ELVIA Electronics)

**Session Classification:** Industrial Partners and Spin-Offs



Contribution ID: **16**

Type: **not specified**

## ELTOS

*Thursday 27 February 2025 14:40 (20 minutes)*

**Presenters:** GIOVANNETTI, Matteo (INFN e Laboratori Nazionali di Frascati (IT)); IODICE, Mauro (INFN - Sezione di Roma Tre)

**Session Classification:** Industrial Partners and Spin-Offs

Contribution ID: 17

Type: **not specified**

## **Thermal Bonding Micromegas Production Center (Hefei)**

*Thursday 27 February 2025 11:20 (20 minutes)*

**Presenters:** ZHANG, Zhiyong; ZHANG, Zhiyong

**Session Classification:** New Manufacturing and Production Facilities

Contribution ID: **18**

Type: **not specified**

## **Luma Wire Tech - Thin wire and coating specialist**

*Thursday 27 February 2025 15:20 (20 minutes)*

**Presenters:** STOHR, Ulrich (Luma Metall); Dr PALMQVIST, Ulrik (Luma Metall)

**Session Classification:** Industrial Partners and Spin-Offs

Contribution ID: **19**

Type: **not specified**

## ATLAS Micromegas

*Thursday 27 February 2025 12:20 (20 minutes)*

**Presenter:** JEANNEAU, Fabien (Université Paris-Saclay (FR))

**Session Classification:** New Manufacturing and Production Facilities

Contribution ID: **20**

Type: **not specified**

## CMS GEM

*Friday 28 February 2025 10:50 (20 minutes)*

**Presenter:** VERWILLIGEN, Piet (Universita e INFN, Bari (IT))

**Session Classification:** Production for Experiments and Projects ( Lessons Learned )

Contribution ID: **21**

Type: **not specified**

## ALICE GEM TPC

*Friday 28 February 2025 11:30 (20 minutes)*

**Presenter:** GASIK, Piotr (GSI - Helmholtzzentrum für Schwerionenforschung GmbH (DE))

**Session Classification:** Production for Experiments and Projects ( Lessons Learned )

Contribution ID: 22

Type: **not specified**

## NA62 Strat Traker

Speaker to be defined - BETTER IF ON THURSDAY

**Presenter:** DANIELSSON, Hans (CERN)

**Session Classification:** Production for Experiments and Projects ( Lessons Learned )

Contribution ID: 24

Type: **not specified**

## New ideas for MRPC fabrication

*Thursday 27 February 2025 09:15 (20 minutes)*

**Presenter:** LAKTINEH, Imad (Centre National de la Recherche Scientifique (FR))

**Session Classification:** Manufacturing Technologies



Contribution ID: 25

Type: **not specified**

## **New RPC facilities at MPI and satellite companies**

*Friday 28 February 2025 09:50 (20 minutes)*

**Presenter:** Dr FALLAVOLLITA, Francesco (Max Planck Society (DE))

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: 26

Type: **not specified**

## **TEKNEMIKA and GENERAL TECNICA (RPC gap production)**

*Thursday 27 February 2025 16:00 (20 minutes)*

**Presenter:** CAMARRI, Paolo (University of Roma "Tor Vergata")

**Session Classification:** Industrial Partners and Spin-Offs

Contribution ID: 27

Type: **not specified**

## Status of RPC facilities in Korea

*Friday 28 February 2025 09:10 (20 minutes)*

**Presenter:** Prof. LEE, Kyong Sei (Korea/Hanyang universities)

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: 28

Type: **not specified**

## **Gas distribution for first generation RPCs: problems and improvements**

*Friday 28 February 2025 11:10 (20 minutes)*

**Presenters:** DIMITROV, Anton (University of Sofia - St. Kliment Ohridski (BG)); CAMARRI, Paolo (University of Roma "Tor Vergata")

**Session Classification:** Production for Experiments and Projects ( Lessons Learned )

Contribution ID: **30**

Type: **not specified**

# Thermal Bonding Micromegas Technology

*Thursday 27 February 2025 09:35 (20 minutes)*

**Presenter:** ZHANG, Zhiyong

**Session Classification:** Manufacturing Technologies

Contribution ID: **31**

Type: **not specified**

## **Construction techniques for seal and gas tight RPC**

*Thursday 27 February 2025 09:55 (20 minutes)*

**Presenter:** BLANCO, Alberto (LIP)

**Session Classification:** Manufacturing Technologies

Contribution ID: 32

Type: **not specified**

## **Jacques Allemann: the incredibly precise wire manufacturer**

*Thursday 27 February 2025 15:40 (20 minutes)*

**Presenter:** SCHAEFFER, Gilles (Jacques Allemann)

**Session Classification:** Industrial Partners and Spin-Offs

Contribution ID: 33

Type: **not specified**

## **Manufacturing the MEGII drift chamber: process and lesson learned**

*Friday 28 February 2025 11:50 (20 minutes)*

**Presenter:** CHIAPPINI, Marco

**Session Classification:** Production for Experiments and Projects ( Lessons Learned )



Contribution ID: 34

Type: **not specified**

## **Production facilities of wire chambers in Grenoble and Caen**

*Thursday 27 February 2025 17:00 (20 minutes)*

**Presenters:** MURAZ, Jean-Francois (Centre National de la Recherche Scientifique (FR)); HERLANT, Sébastien (CNRS)

**Session Classification:** Existing Manufacturing and Production Facilities

Contribution ID: 35

Type: **not specified**

## **New construction technique for an ultra-light drift chamber**

*Friday 28 February 2025 12:10 (20 minutes)*

**Presenters:** MICCOLI, Alessandro (INFN Lecce e Universita del Salento (IT)); PROCACCI, Francesco (Universita e INFN, Bari (IT))

**Session Classification:** Production for Experiments and Projects ( Lessons Learned )

Contribution ID: 36

Type: **not specified**

## **Production of resistive detectors for muon tomography application at ELVIA**

*Thursday 27 February 2025 14:20 (20 minutes)*

**Presenters:** ATTIE, David; Dr ATTIE, David (CEA/Irfu - Université Paris-Saclay (FR))

**Session Classification:** Industrial Partners and Spin-Offs

Contribution ID: 37

Type: **not specified**

## NA62 Straw Tracker Construction

*Thursday 27 February 2025 12:40 (20 minutes)*

**Presenter:** DANIELSSON, Hans (CERN)

**Session Classification:** New Manufacturing and Production Facilities

Contribution ID: **38**

Type: **not specified**

## **GridPix Technology: short overview and current status**

*Thursday 27 February 2025 10:15 (20 minutes)*

**Presenter:** Dr BILEVYCH, Yevgen (University of Bonn (DE))

**Session Classification:** Manufacturing Technologies