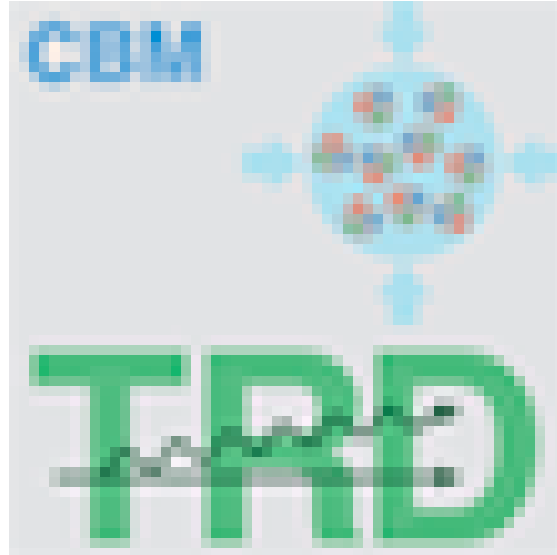


CBM-TRD Retreat



Report of Contributions

Contribution ID: 0

Type: **not specified**

Design status of outer module types

Wednesday, 27 March 2019 14:10 (30 minutes)

- Are all parts in technical drawings? Data base status.
- Padplane variants [segmentation, closing of vias]
- Gas connectors

Presenters: ROETHER, Florian (GSI, Darmstadt); KÄHLER, Philipp (Westfälische Wilhelms-Universität Münster(UMs-IKP))

Session Classification: Status of TRD module design

Contribution ID: 1

Type: **not specified**

Overview on detector infrastructure

Wednesday, 27 March 2019 16:30 (45 minutes)

- LV converter order and commissioning
- LV distribution planning [bars/cables, PDBs]
- HV structure, HV filter board [new design from Roland]
- Cooling test status
- DCS ... ?
- Support structure segment prototype and chamber integration tester [parts ordered, assembly when the hall is usable again]
- Maintenance case of the TRD in CBM

Presenters: ROETHER, Florian (GSI, Darmstadt); KÄHLER, Philipp (Westfälische Wilhelms-Universität Münster(UMs-IKP))

Session Classification: Infrastructure: support-structure, cooling, HV, LV

Contribution ID: 2

Type: **not specified**

Laboratory infrastructure Frankfurt

Thursday, 28 March 2019 09:20 (20 minutes)

Presenter: BLUME, Christoph (Goethe-Universität Frankfurt(Uffm-IKP))

Session Classification: Production planning: modules + infrastructure

Contribution ID: 3

Type: **not specified**

Laboratory infrastructure Münster

Thursday, 28 March 2019 09:40 (20 minutes)

Presenter: WAHMES, Lukas (Westfälische Wilhelms-Universität Münster(UMs-IKP))

Session Classification: Production planning: modules + infrastructure

Contribution ID: 4

Type: **not specified**

Laboratory infrastructure Bucharest

Thursday, 28 March 2019 09:00 (20 minutes)

Presenter: PETRIS, Mariana (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Production planning: modules + infrastructure

Contribution ID: 5

Type: **not specified**

Discussion and planning

Thursday, 28 March 2019 10:00 (30 minutes)

- production process ms/f: working steps, materials, tooling and room requirements
- pieces produced per working step and storage sizes in split production procedures
- number of spare modules produced [respect ALICE experiences]

Session Classification: Production planning: modules + infrastructure

Contribution ID: 8

Type: **not specified**

Results from Lab and Test Beam Measurements

Thursday, 28 March 2019 14:00 (30 minutes)

Presenters: ROETHER, Florian (GSI, Darmstadt); KÄHLER, Philipp (Westfälische Wilhelms-Universität Münster(UMs-IKP))

Session Classification: Test beam and laboratory measurement results

Contribution ID: **10**

Type: **not specified**

Simulation software and physics performance

Friday, 29 March 2019 09:00 (30 minutes)

- Reconstruction software: status and prospects
- Comparison test beam and detector simulation

Presenter: BECHTEL, Etienne (Goethe-Universität Frankfurt(UFfm-IKP))

Session Classification: Software + physics performance

Contribution ID: 11

Type: **not specified**

Lessons learned from building and testing 24% of ALICE-TRDs and 50% of ALICE-OROCs

Wednesday, 27 March 2019 14:40 (30 minutes)

Presenter: PETRIS, Mariana (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Status of TRD module design

Contribution ID: 12

Type: **not specified**

Inner-zone of the TRD wall - Construction details for the Bucharest-solution

Wednesday, 27 March 2019 15:10 (30 minutes)

Presenter: Mrs RADULESCU, Laura (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Status of TRD module design

Contribution ID: 13

Type: **not specified**

Structural analysis of the TRD assembly procedure and gas flow operation for the Bucharest-solution

Wednesday, 27 March 2019 17:15 (30 minutes)

Presenter: Mrs RADULESCU, Laura (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Infrastructure: support-structure, cooling, HV, LV

Contribution ID: 14

Type: **not specified**

Measurements, Results & Performances for the Bucharest-solution of the CBM-TRD

Presenter: BERUCI, Alexandru (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Contribution ID: 15

Type: **not specified**

Measurements, Results & Performances for the Bucharest-solution of the CBM-TRD

Thursday, 28 March 2019 14:30 (30 minutes)

Presenter: BERUCI, Alexandru (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Test beam and laboratory measurement results

Contribution ID: 16

Type: **not specified**

Simulating the Bucharest-solution for the mCBM setup

Friday, 29 March 2019 09:30 (30 minutes)

Presenter: BERUCI, Alexandru (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Software + physics performance

Contribution ID: 17

Type: **not specified**

CBM-TRD Addendum - tentative structure as starting point for preparation of the in-kind contract based on the Bucharest-solution for the inner zone of the CBM-TRD

Friday, 29 March 2019 11:00 (30 minutes)

Presenter: BERUCI, Alexandru (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Leftover and discussion on open points

Contribution ID: **18**

Type: **not specified**

Discussion on open points

Friday, 29 March 2019 11:30 (1 hour)

Session Classification: Leftover and discussion on open points

Contribution ID: 19

Type: **not specified**

Overview of SPADIC architecture and features

Thursday, 28 March 2019 17:30 (30 minutes)

Presenter: FISCHER, Peter (Universität Heidelberg(U_HD_ZITI))

Session Classification: Readout electronics status: ASICs, FEBs, ROBs, CRIs, etc.

Contribution ID: 20

Type: **not specified**

Status of SPADIC readout and front-end boards

Thursday, 28 March 2019 18:00 (15 minutes)

Presenter: ROETHER, Florian (GSI, Darmstadt)

Session Classification: Readout electronics status: ASICs, FEBs, ROBs, CRIs, etc.

Contribution ID: 21

Type: **not specified**

Firmware: status and outlook

Thursday, 28 March 2019 17:00 (15 minutes)

Presenter: SCHMIDT, David (Goethe-Universität Frankfurt(Uffm-ICS))

Session Classification: Readout electronics status: ASICs, FEBs, ROBs, CRIs, etc.

Contribution ID: 22

Type: **not specified**

FASP based data acquisition

Thursday, 28 March 2019 18:15 (30 minutes)

Presenter: BERUCI, Alexandru (National Institute of Physics and Nuclear Engineering (IFIN-HH))

Session Classification: Readout electronics status: ASICs, FEBs, ROBs, CRIs, etc.

Contribution ID: 23

Type: **not specified**

Discussion on software

Friday, 29 March 2019 10:00 (30 minutes)

Session Classification: Software + physics performance

Contribution ID: 24

Type: **not specified**

Discussion on test beam and lab measurements

Thursday, 28 March 2019 15:00 (1 hour)

Session Classification: Test beam and laboratory measurement results

Contribution ID: 25

Type: **not specified**

Discussion on module designs

Wednesday, 27 March 2019 15:40 (20 minutes)

Session Classification: Status of TRD module design

Contribution ID: 26

Type: **not specified**

Discussion on infrastructure

Wednesday, 27 March 2019 17:45 (45 minutes)

Session Classification: Infrastructure: support-structure, cooling, HV, LV

Contribution ID: 27

Type: **not specified**

Welcome

Wednesday, 27 March 2019 14:00 (10 minutes)

Presenter: BLUME, Christoph (Goethe-Universität Frankfurt(Uffm-IKP))

Session Classification: Status of TRD module design

Contribution ID: 28

Type: **not specified**

Discussion on electronics

Thursday, 28 March 2019 18:45 (15 minutes)

Session Classification: Readout electronics status: ASICs, FEBs, ROBs, CRIs, etc.

Contribution ID: 29

Type: **not specified**

Module production workflow

Thursday, 28 March 2019 11:00 (30 minutes)

Presenters: ROETHER, Florian (GSI, Darmstadt); KÄHLER, Philipp (Westfälische Wilhelms-Universität Münster(UMs-IKP))

Session Classification: Production planning: modules + infrastructure

Contribution ID: **30**

Type: **not specified**

Discussion on module production workflow

Thursday, 28 March 2019 11:30 (1 hour)

Session Classification: Production planning: modules + infrastructure

Contribution ID: 31

Type: **not specified**

FE and readout upcoming milestones

Thursday, 28 March 2019 17:15 (15 minutes)

Presenter: KÄHLER, Philipp (Westfälische Wilhelms-Universität Münster(UMs-IKP))

Session Classification: Readout electronics status: ASICs, FEBs, ROBs, CRIs, etc.