

Muon Collider MDI and IR design - status and next steps

Report of Contributions

Contribution ID: 1

Type: **not specified**

MDI design: open points and next steps

Monday 28 July 2025 16:00 (20 minutes)

Presenter: LECHNER, Anton (CERN)

Contribution ID: 2

Type: **not specified**

Proposal for nozzle segmentation

Monday 28 July 2025 16:20 (15 minutes)

Presenter: BERSANI, Andrea (INFN Genova (IT))

Session Classification: MDI integration

Contribution ID: 3

Type: **not specified**

Discussion about next steps towards a MDI integration model

Monday 28 July 2025 16:35 (15 minutes)

Session Classification: MDI integration

Contribution ID: 4

Type: **not specified**

Decay-induced heat distribution along IR magnets

Monday 28 July 2025 16:50 (10 minutes)

Presenter: CALZOLARI, Daniele (Universita e INFN, Padova (IT))

Session Classification: IR layout (radial build of magnets etc.)

Contribution ID: 5

Type: **not specified**

Limits for heat deposition in cold mass

Monday 28 July 2025 17:00 (10 minutes)

Presenter: Dr TAVARES COUTINHO BORGES DE SOUSA, Patricia (CERN)

Session Classification: IR layout (radial build of magnets etc.)

Contribution ID: 6

Type: **not specified**

Input from magnet design

Monday 28 July 2025 17:10 (10 minutes)

Presenters: CAIFFI, BARBARA; NOVELLI, Daniel (INFN Genova and Sapienza University of Rome); MARIOTTO, Samuele

Session Classification: IR layout (radial build of magnets etc.)