

Discussions on
Tuesday PM
about three
different topics



Topic 1: Material choice and processing

- The discussion covers the material selection, including grades, processing, characterization and cost analysis.
- It considers the material from ores to coils, as well as the final conditioning before manufacturing.

Room: 112-R-028

Auer, MMSc	Tobias	Voestalpine
Battes	Katharina	Karlsruhe Institute of Technology
Chiggiato	Paolo	CERN
Crouvizier	Mickaël	CERN
Dakshinamurthy	Manjunath	CERN
Fedchak	James	National Institute of Standards and Technology (NIST)
Ferrara	Alessandro	SAES getters
Gervasyev	Alexey	Ghent University
Ghorbanpour	Saeede	VDL ETG
Grado	Aniello	INAF/INFN
Henkel	Daniel	Material Forensics LLC
Hoppler	Adrian	Voestalpine
Kesten	Leo	GHENT UNIVERSITY
Lartaux	Angélique	IJCLab
Leger	Pierre-Emmanuel	APERAM
Perez Fontenla	Ana Teresa	CERN
Sgobba	Stefano	CERN
Taborelli	Mauro	CERN
van Remortel	Nick	Universiteit Antwerpen
Vichard	Audrey	CERN

Topic 2: Design, manufacturing, post-manufacturing treatment, QA and assembly

- The includes the conceptual **design and manufacturing** from coils to installation in the tunnel.
- It includes welding, cleaning, leak detection, quality assurance and in-situ installation.
- Support systems, vibration modes, and interfaces with other services are treated here.

Room: 30-7-018

Adams	Martin	NIKHEF
Andrés Carcasona	Marc	IFAE
Ballmer	Stefan	Syracuse University / Cosmic Explorer
Chen	Zuxing (Alex)	Fermilab
Conti	Livia	INFN - Padova
Cruikshank	Paul	CERN
Deleglise	Guillaume Julien	CNRS
de Roo	Krista	Nikhef
Dinh	Francesco	SAES getters
Favre	Gilles	CERN
Ferreira	Leonel	CERN
Garion	Cedric	CERN
Hansen	Jan	CERN
Havlikova	Hana	CERN
Hoste	Jef	Werkhuizen Hengelhof - AGIT Aachen - POM Limburg - FEF Aachen -
Huguenin	Pauline	Aperam
Lacroix	Alexandre	LAPP IN2P3
Lilje	Lutz	DESY -MVS-
Martinez-Perez	Mario	The Barcelona Institute of Science and Technology (BIST) (ES)
Mundet	Juli	IFAE
Perez Espinos	Jaime	CERN
Punturo	Michele	INFN Perugia
Purrio	Ellwyn and Marion	C3DM Germany // FEF Aachen
Ricci	Fulvio	INFN Roma
Rosier	Philippe	CNRS IJCLAB
Scibile	Luigi	CERN
Stahl	Achim	Rheinisch Westfaelische Tech. Hoch. (DE)
Werneke	Patrick	Nikhef
Tanimoto	Yasunori	KEK

Topic 3: Pumping system, valves, sectorisation and bakeout

- In this topical discussion, we consider all aspects from pumps and gauges installation, sectorization, pumpdown and bakeout to final commissioning.
- It goes into the integration of pumps and power supplies in the tunnel. The control and monitoring systems are also included.

Room: 30-7-010

Audi	Mauro	Agilent Vacuum Product Division
Barel	Marije	Nikhef
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Feicht	Jon	California Institute of Technology
Ferreira Somoza	Jose Antonio	CERN
Fuentes-Garcia	Melina	LIGO Caltech
Gargiulo	Julien	EGO (European Gravitational Observatory)
Grohmann	Steffen	KIT Karlsruhe Institute of Technology
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Lazzarini	Albert	Caltech
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Schrade	Daniel	Ecoclean GmbH
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wevers	ivo	CERN
Zucker	Michael	Caltech and MIT

Tomorrow the chairpersons of the three topical discussions will summarize the main outcomes of the conversations.

