CERN Update on Activities Relevant to FuSuMaTech

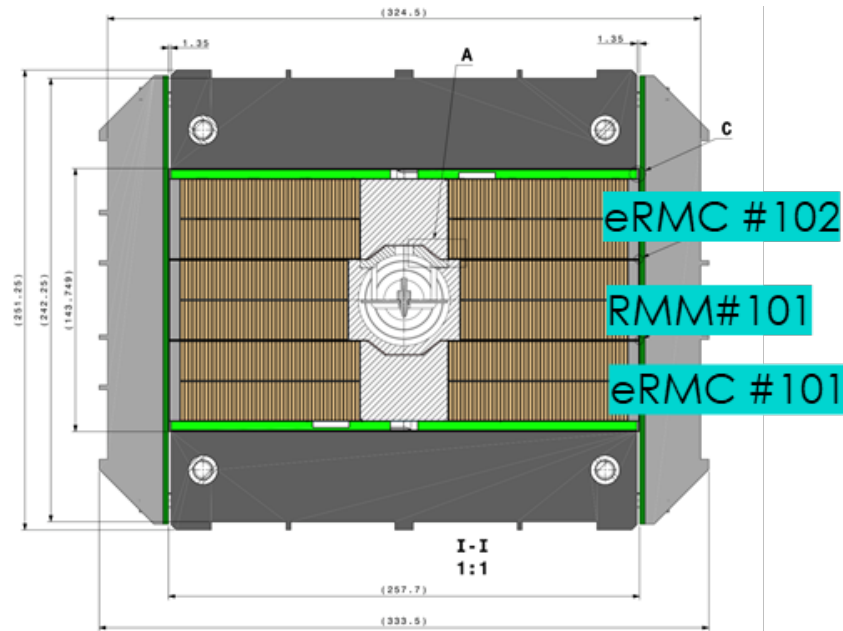L. Bottura

CERN TE-HDO

FuSuMaTech Annual Meeting 14 December 2021

Racetrack Model Magnet

eRMC #102
RMM#101
eRMC #101

2D X-section of TE-MSC-SMT
RMM Demonstrator

Achieved a **cavity field of ~16.4 T** at 1.9 K (corresponding to a **conductor peak field of ~16.6 T**).
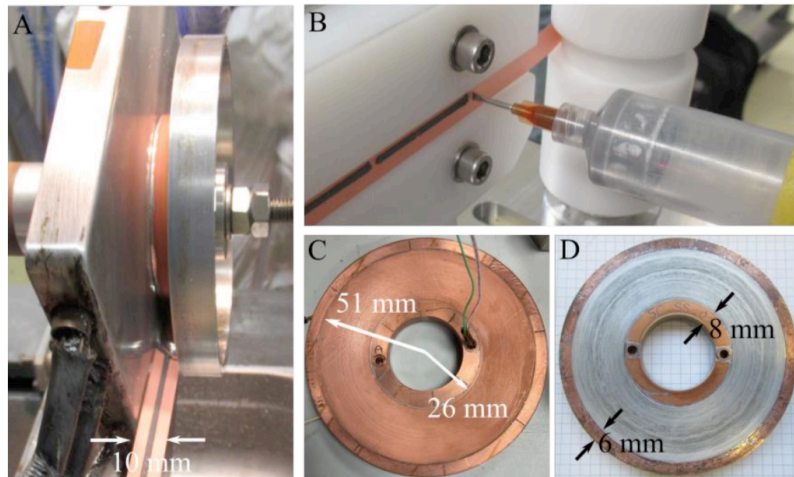
Excerpts from HTS activities
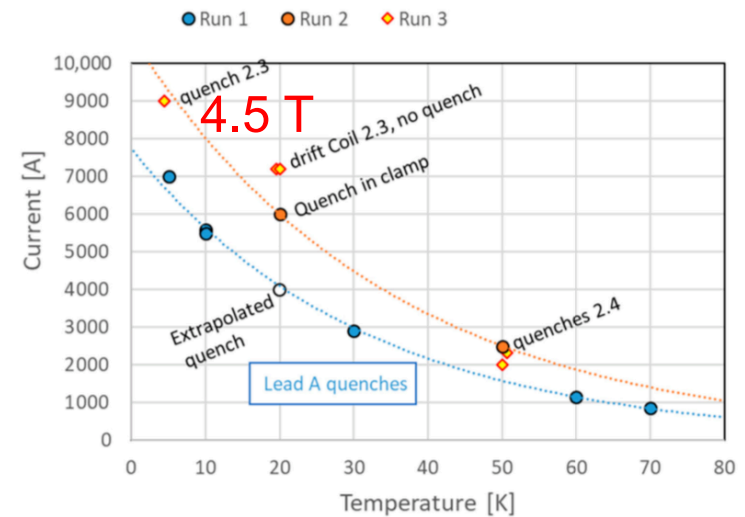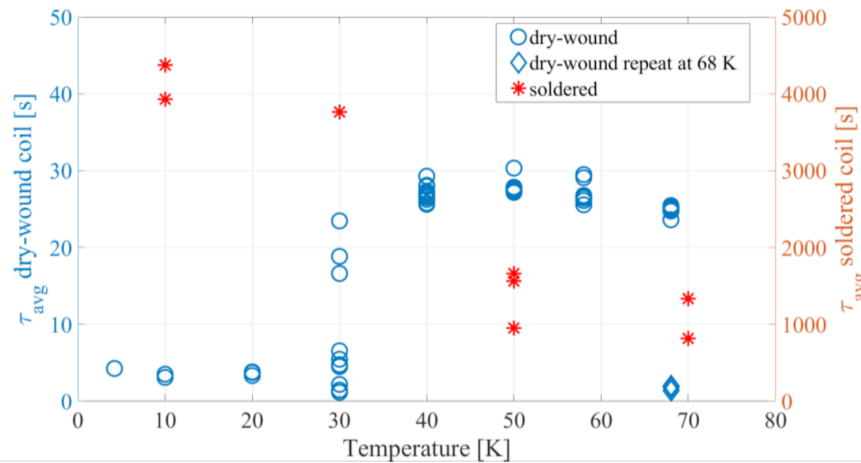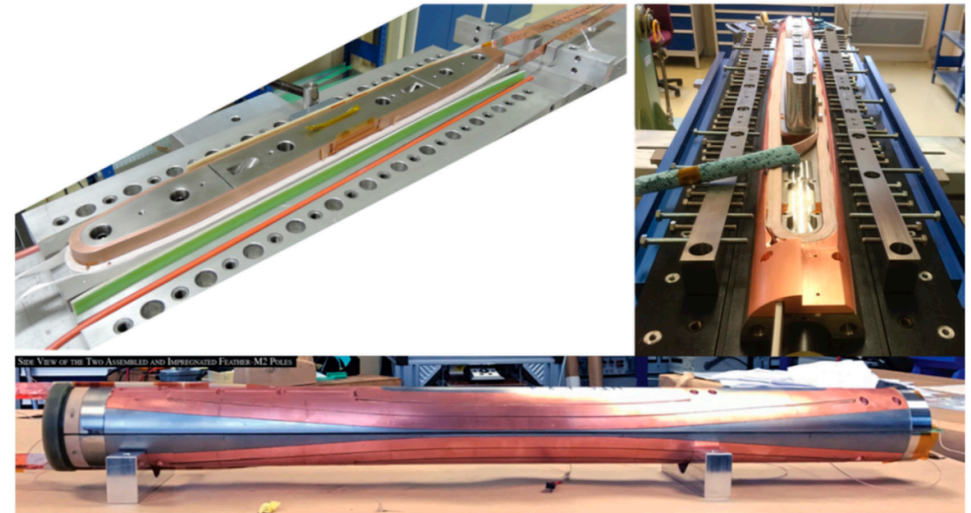

Fig. 3. Pictures of (a) winding the soldered-coil, (b) applying solder paste to the tape, (c) dry-wound and (d) soldered coil.

2nd STEAM workshop:

Training, networking, building simulation community

2nd STEAM Workshop

Oct 11 – 15, 2021
Europe/Zurich timezone

- Updates on STEAM development
- Presentations from STEAM users
- Hands-on sessions on all the tools

Overview
Timetable
Contribution List
Registration
Participant List

Participant List
47 participants

Last Name	First Name	Affiliation
AVRONSART	Julien	Brookhaven National Laboratory
Babouche	Romain	CEA - IRFM
Barna	Daniel	Wigner Research Centre for Physics
Barthlott	Dominic	KIT

Courtesy of A. Verweij and M. Wozniak, CERN TE-MPE

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European Strategy for Particle Physics Accelerator R&D Roadmap

Editor: N. Mounet (CERN, Geneva, Switzerland)

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