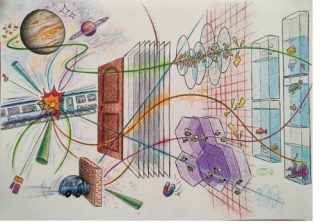


## WG7 session - introduction

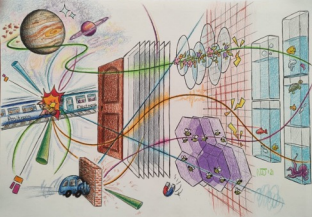
G. Calderini (LPNHE Paris), D. Dannheim (CERN), F. Huegging (Bonn)



# Recent DRD7.6b and WG7 meetings of interest





# DRD3

- DRD7.6b workshop at KIT, September 2-3, 2025
  - <https://indico.kit.edu/event/5139/>
  - DRD3 presentations by Moritz and Giovanni
- DRD3-WG7 intermediate online meeting, September 18, 2025
  - <https://indico.cern.ch/event/1579256/>
  - Updates from most WG7 activities
- DRD7.6b session at DRD7 week, September 23, 2025
  - <https://indico.cern.ch/event/1556239/>
- Please refer to the various presentations in these meetings, to get the full picture of ongoing activities – for example, FBK presented in all September meeting and therefore not again today
- Collaboration between DRD7.6b / DRD3-WG7:
  - For reference - agreed sharing of activities: WG7 focuses on applications, in-house processing, evaluation; DRD7 provides access to *industrial* wafer-level 3D integration
    - Still some overlap of scope / opportunity for collaborations
    - **Thank you to Michele and Laci for being here today and presenting DRD7.6b activities!**
  - Starting common activities with DRD7.6b: ENIG plating for KIT performed at CERN
  - Plan to have common DRD3-WG7 / DRD7.6b workshop on interconnects and module integration



# Today's agenda

# DRD3

09:00	<b>Introduction</b> <i>Dominik Dannheim et al.</i> 6/2-024 - BE Auditorium Meyrin, CERN 09:00 - 09:10
	<b>DRD 7.6b Shared Access to 3D Integration – Progress Report</b> <i>Dr Michele Caselle</i>  6/2-024 - BE Auditorium Meyrin, CERN 09:10 - 09:30
	<b>In-house plating at CERN</b> <i>Moritz Lauser</i>  6/2-024 - BE Auditorium Meyrin, CERN 09:30 - 09:50
10:00	<b>In-house Flip-Chip Hybridisation Updates</b> <i>Dr Ahmet Lale</i>  6/2-024 - BE Auditorium Meyrin, CERN 09:50 - 10:10
	<b>coffee break</b> 6/2-024 - BE Auditorium Meyrin, CERN 10:10 - 10:40
	<b>Evaluating Thermal Conductivity Enhancement: A Comparative Study of Nanowire-Based Interconnection Materials</b> <i>Atul Gorane</i>
11:00	<b>Update on wafer-to-wafer bonding project</b> <i>Fabian Huegging</i>  6/2-024 - BE Auditorium Meyrin, CERN 11:00 - 11:15