

11. Annual MT Meeting



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ECFA DRD 7.6b project - shared access to 3D integration

Wednesday 5 November 2025 09:00 (15 minutes)

The DRD 7.6b project leverages in-house infrastructure and expertise across participating institutes to enable the fabrication of high-value prototypes, demonstrators, and test devices. By providing shared access to the community and ensuring the long-term availability of advanced 2.5D/3D integration technologies, the initiative fosters innovation and builds strong links with industrial partners. The project is establishing an international distributed detector infrastructure, where each institute contributes specialized technological processes to form a distributed production workflow. As a first step, a pilot project, a full-wafer engineering run entirely developed and fabricated in-house by DRD 7.6b contributors, has been launched. Operating under a clear, unified vision, the collaboration shares infrastructure and know-how to guarantee broad community access to cutting-edge integration technologies. Looking forward, DRD 7.6b will further strengthen synergies within the DRD7 community through joint design and production of silicon interposers, while remaining open to new partners and projects.

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Session Classification: Stream 3