

**Dr. Aurore Bonneville Durel**

(STMicroelectronics, France)

Aurore BONNEVIALLE DUREL graduated in 2016 with a Ph.D. in materials for microelectronics, specifically contributing to the development of advanced Fully Depleted Silicon On Insulator (FD-SOI) technologies. Since 2023, Dr. Durel is leading the Front-End Of Line (FEOL) and Middle-End Of Line (MEOL) CMP R&D teams and projects. In her current role, she continues to spearhead advanced development initiatives in CMP, with a focus on Phase Change Memory (PCM) and photonics devices while continuing to collaborate with the Leti team for advanced consumables benchmarking. She is member of the Program Committee for 1 year.