



INFRACHIP
European Research Infrastructure
on Semiconductor Chips



INFRACHIP

Research Accelerator Programme

Tyndall – RISEnergy - EUROPRACTICE

March 5-7, 2025

Day 1 (5th March 2025)

10:00 – 10:30	Welcome -and Overview of RAP, INFRACHIP, EUROPRACTICE and RisEnergy INFRACHIP, EUROPRACTICE and RisEnergy Team
10:30 – 11:30	Introduction to MEMS Technology Dr. Veda Sandeep
11:30 -11:45	Tea / Coffee break
11:45 – 13:00	Overview of Quanscient Multiphysics tool Team from Quanscient
	<i>Lunch Break</i>
14:00 – 15:30	Hands-On Session on Quanscient Multiphysics tool Team from Quanscient and Tyndall team
15:30 -16:00	<i>Tea / Coffee break</i>
16:00 – 17:00	Hands-On Session on Quanscient Multiphysics tool Team from Quanscient and Tyndall team continuation

Day 2 (6th March 2025)

10:00 – 11:00	Introduction to PiezoMEMS technology Dr. Sambuddha Khan
11:00 - 11:30	<i>Tea / Coffee break</i>
11:30 – 12:30	An overview on the Integrated Micromagnetics technology platform Dr. Ranajit Sai
12:30 – 13:30	<i>Lunch break</i>
13:30 – 14:30	Thermo electric devices for energy storage and conversion: An overview Dr. Kafil Razeeb
14:30 - 15:30	Introduction to nanomagnetic device development and its applications Prof. Saibal Roy
15:30 – 16:00	<i>Tea / Coffee break</i>
16:00 – 17:00	An overview of Energy for IoT Test bench and introduction to RisEnergy platform Mike Hayes
17:00 – 18:00	Micro Transfer Printing Technology overview James O'Callaghan

Day 3 (7th March ½ day)

9:00 – 10:00	Advanced Packaging, Chiplet & System Integration within EUROPRACTICE Marc Rensing
10:00 - 11:00	Tyndall fab and characterization facilities tour
11:00 – 12:00	OACF lab and other lab tour