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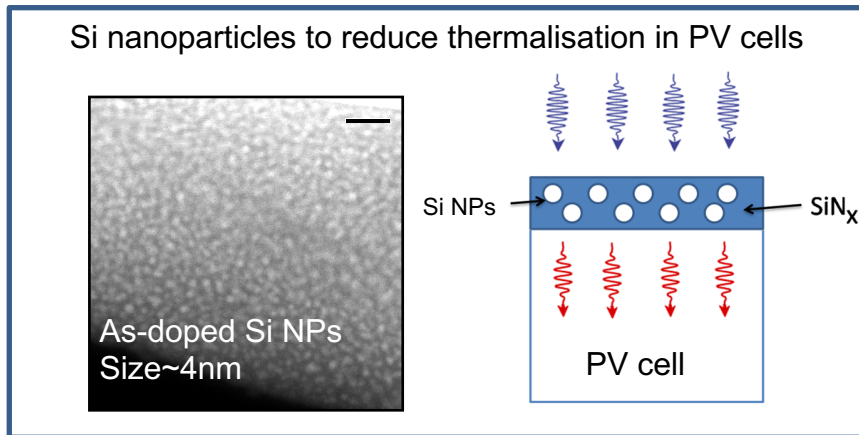
Laboratoire des sciences de l'Ingénieur, de l'Informatique et de l'Imagerie
(presentation by Evelyne Martin)

- Research institute on 7 sites in Strasbourg and around
- 650 members, 4 departments, 17 teams
- Interest in the GDR by 6 members of the team
MaCEPV: Matériaux pour Composants Electroniques et PhotoVoltaïques
- Area of expertise : Photovoltaïc – Thermal conduction at nanoscale
- CNRS : 08 – CNU: 28 & 63
- Activities in the 4 axes of the GDR

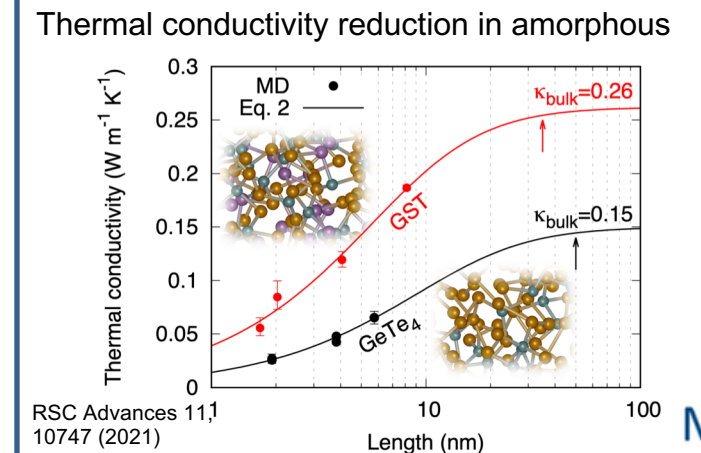


Scientific expertise, overview, major themes in relation to the GDR

- Scientific expertise in PV & sensors:
 - Elaboration of organic & inorganic materials
 - Measurements : structure, electronics, optics
 - Fabrication of devices : solar cells, sensors
 - Analysis of device performances (solar simulator)



- Scientific expertise in thermal conduction:
 - DFT-based molecular dynamics (FPMD)
 - Approach-to-equilibrium MD methodology
 - Disordered nanomaterials
 - Application for thermal management (PCRAM), thermoelectricity



Technical or technological expertise in relation to the GDR issues

Platform **C³Fab**

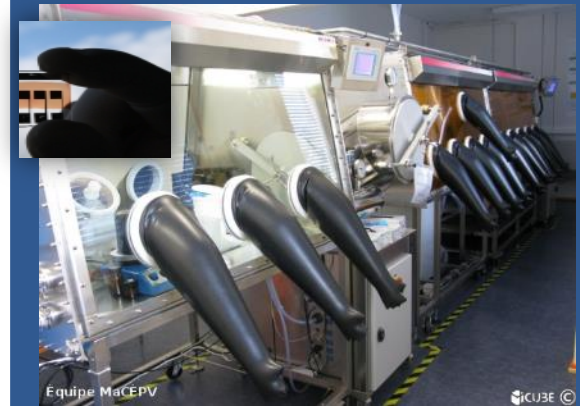
Technological facilities for micro/nano electronics, solar cells and sensors



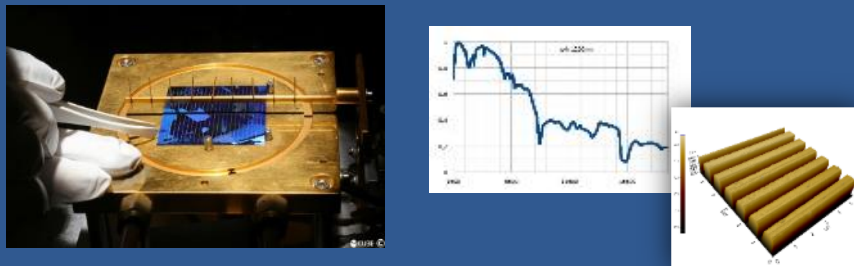
1. Ion beams



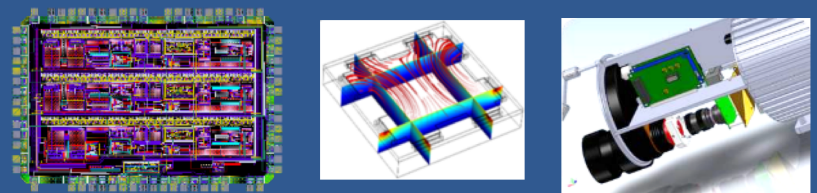
2. Techno inorganic



3. Techno organic



4. Characterization



5. CAO & microelectronic tests