



**POLITECNICO**  
MILANO 1863



ESRF COLLOQUIA

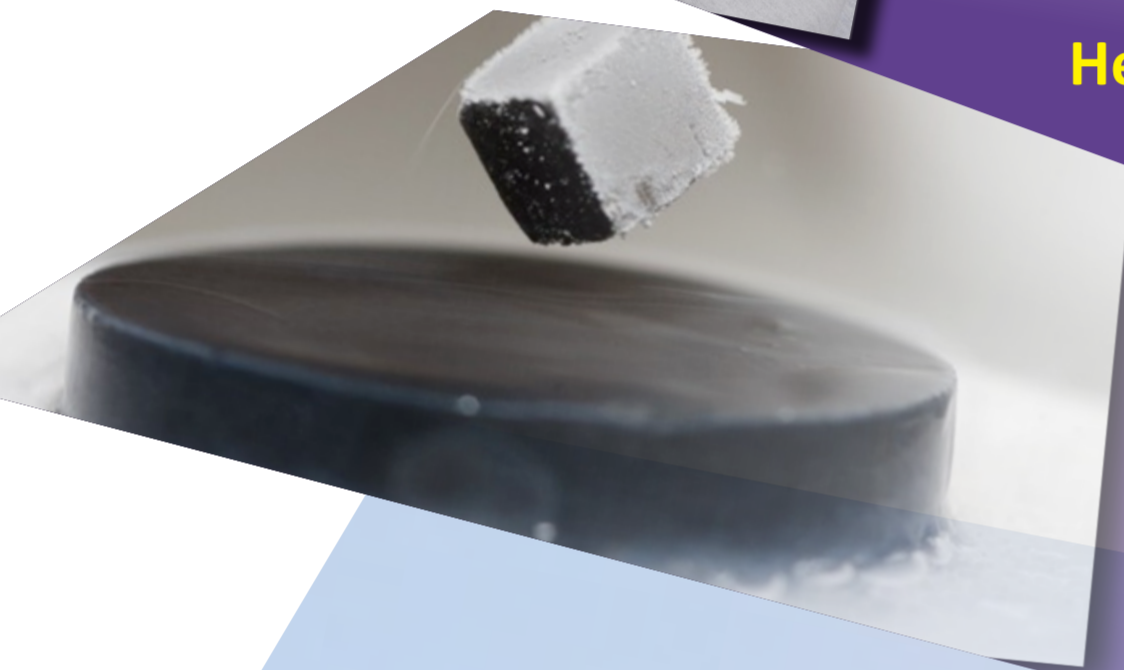
## X-ray vision of high temperature superconductivity



Giacomo Ghiringhelli is professor at the Politecnico di Milano (Italy) and long standing collaborator of the ESRF.

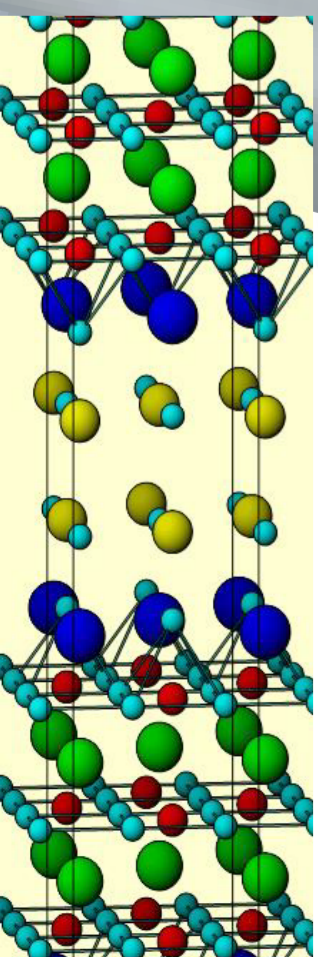
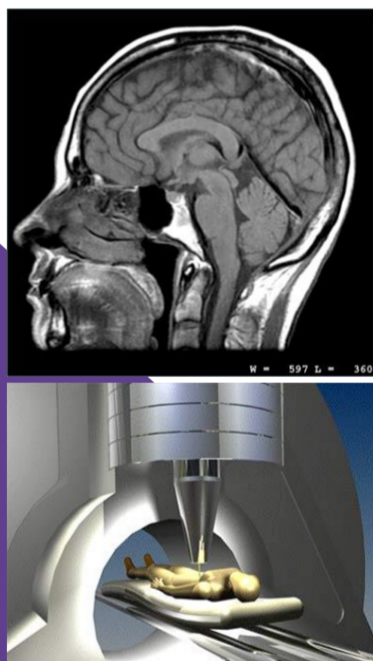
He has been conducting pioneering work to elucidate the mechanisms of high temperature superconductivity via Resonant Inelastic X-ray Scattering (RIXS) for the study of cuprate superconductors and other advanced materials.

**2 December**  
**15:00**  
Auditorium



Superconductivity is a century old fascinating phenomenon carrying the prospect of a technological revolution provided one could find materials working at ambient temperature. Cuprates are the most promising superconductors but the secrets of their exceptional properties have still to be unlocked.

This seminar will review how x-ray techniques are greatly helping to address this formidable challenge



Interested participants who do not have an access badge for the EPN Campus should contact F. Mengoni ([mengoni@esrf.fr](mailto:mengoni@esrf.fr)) at least 24h before the Colloquium