



European Synchrotron Radiation Facility

www.esrf.fr

capria@esrf.fr

A centre of excellence

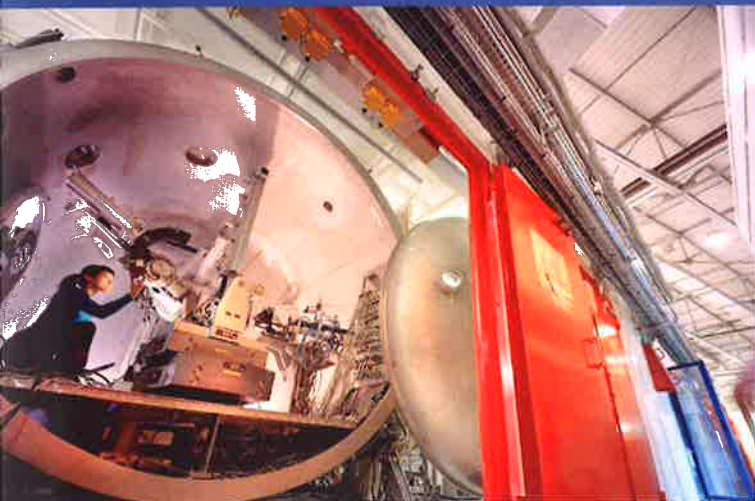
- The most powerful synchrotron radiation source in Europe, fully funded by 21 different countries since 1994.
- 7000 users/year conducting cutting edge experiments
- More than 1500 publication in the most prestigious peer-reviewed journals.
- More than 40 specialised experimental beamlines which offer unique capabilities in chemistry, material science, physics, biology, medicine, meteorology, geophysics, archaeology, etc.
- 2M€/year of direct access by industries (e.g. pharmaceuticals, consumer products, petrochemicals and microelectronics).



Light for science

Unique characterisation competence for micro et nano-electronics

- High sensitivity and resolution power for specific elements.
- Advanced morphological information, thin film characterisation and porous materials.
- High 3D spatial resolution, microstructure evaluation, local residual stress and strain.
- High quality crystallographic data on mono and polycrystalline materials.
- Non-destructive.



ESRF is a member of the
Institut de Recherche Technologique NanoElec

