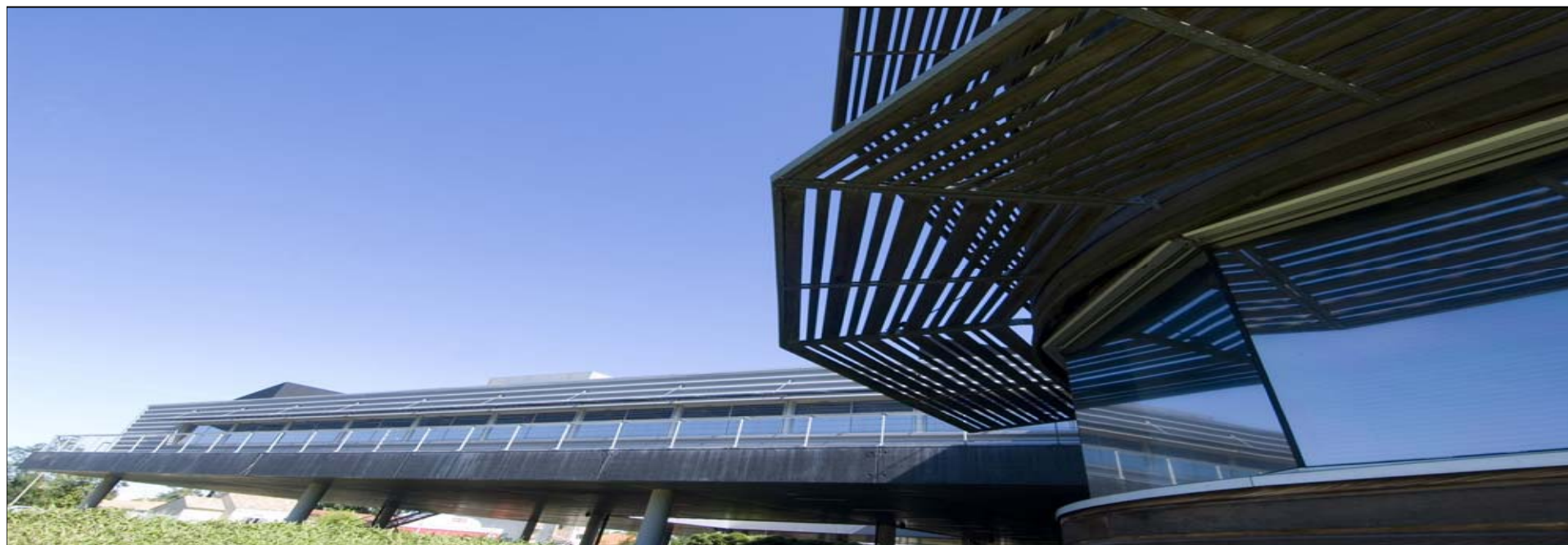




Institut de Chimie  
de la Matière Condensée de Bordeaux



# Institute for *C*ondensed *M*atter *C*hemistry *B*ordeaux

SOLID STATE CHEMISTRY

MATERIALS SCIENCE

MOLECULAR SCIENCES

Director : Dr Mario Maglione

Deputy Directors : Pr Etienne Duguet, Dr Aline Rougier



UNIVERSITÉ DE  
BORDEAUX

ICMCB-CNRS, Université Bordeaux 1 - 87 avenue du Dr. Albert Schweitzer - 33608 Pessac (France)

[www.icmcb-bordeaux.cnrs.fr](http://www.icmcb-bordeaux.cnrs.fr)



## French National Center for Scientific Research (CNRS) University of Bordeaux 1 (Sciences and Technologies)

**STAFF 240**

**PERMANENT : 119**

CNRS

**35** RESEARCH DIRECTORS  
ASSISTANT RESEARCHERS

UNIVERSITY and CEA

**33** FULL PROFESSORS  
ASSISTANT PROFESSORS

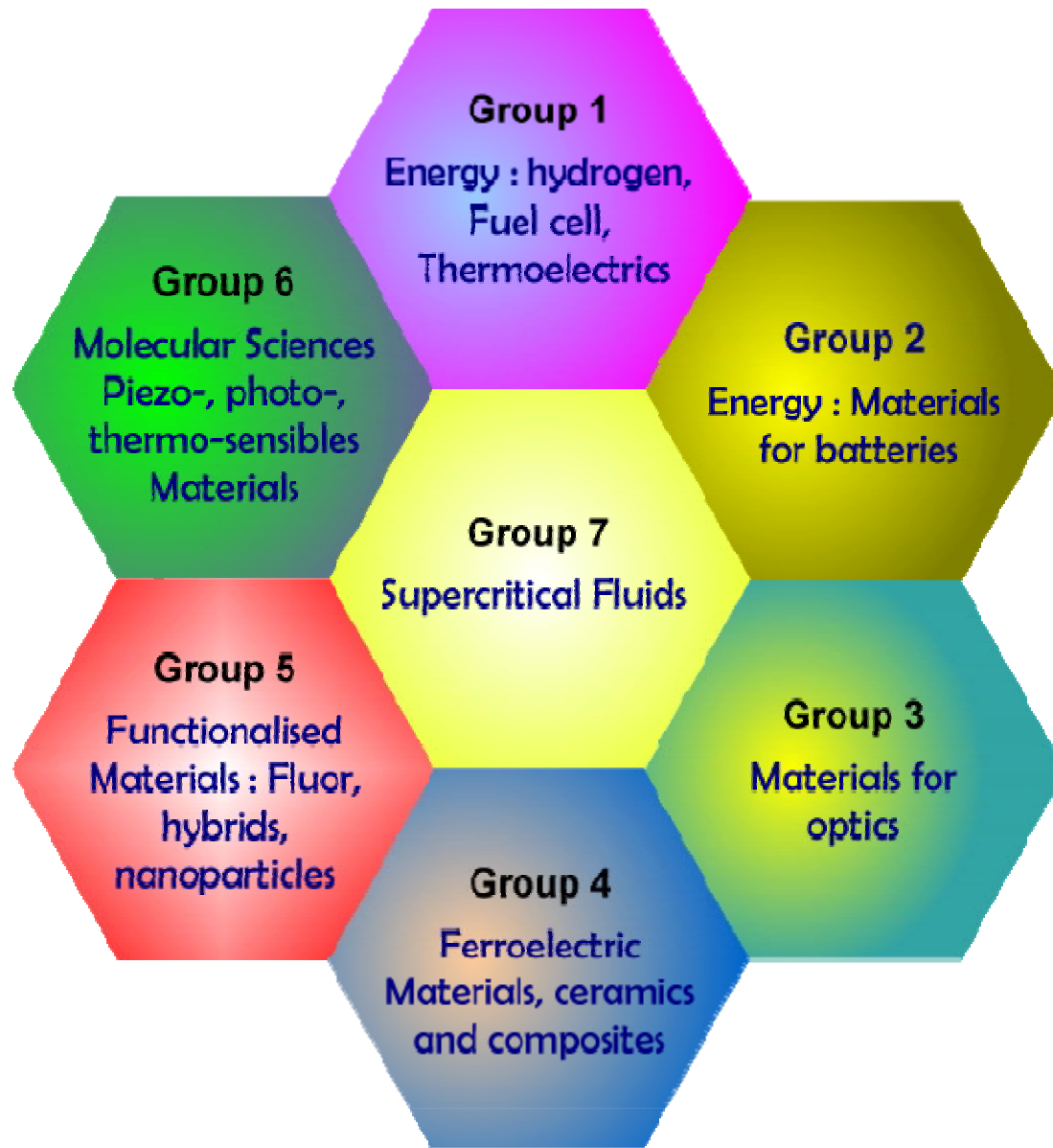
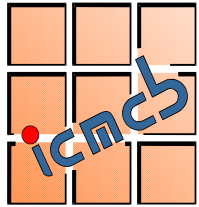
CNRS + UNIVERSITY

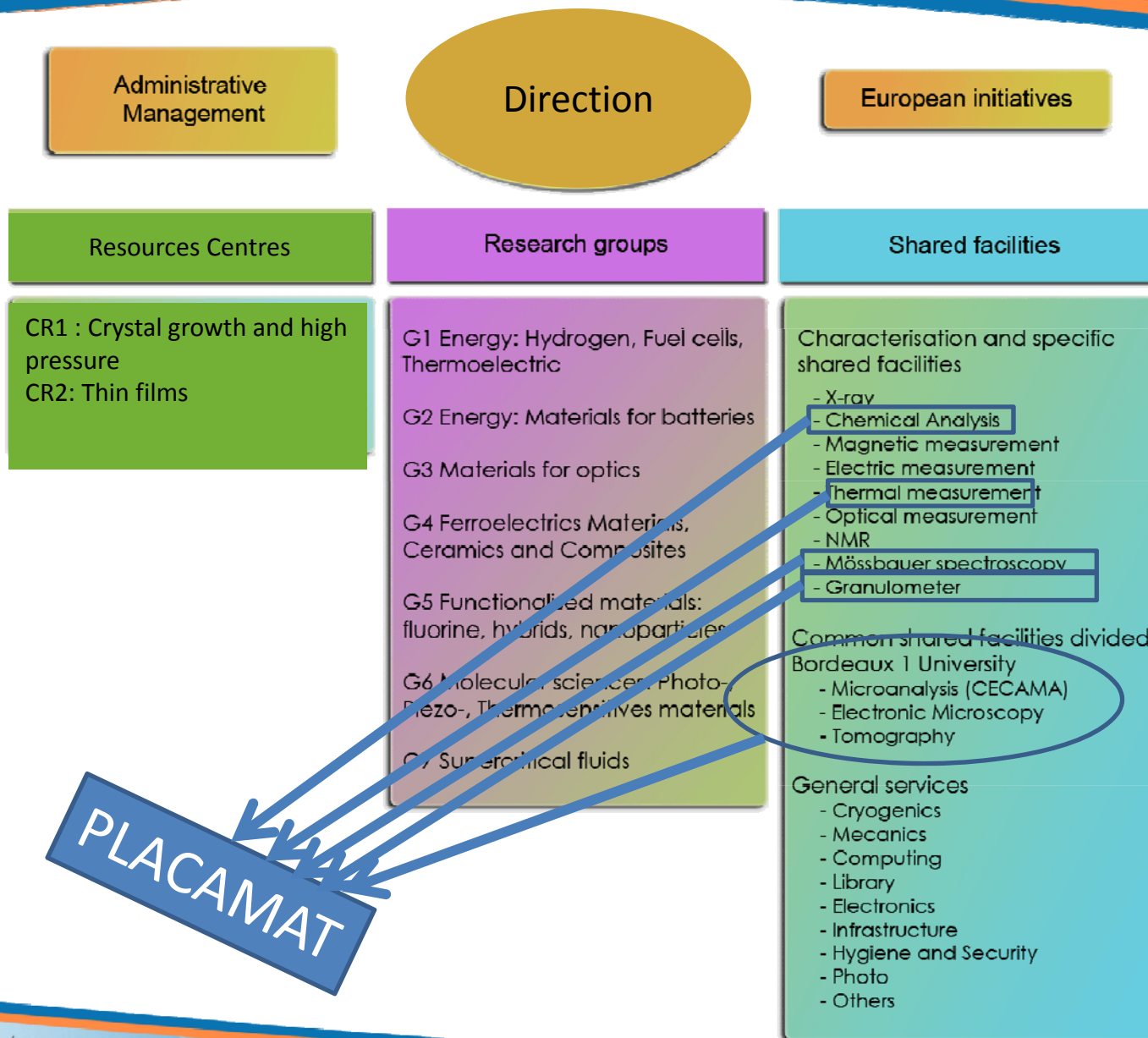
**51** PROFESSIONAL ENGINEERS  
TECHNICIANS AND ADMINISTRATIVE STAFF

**NON PERMANENT : 121**

University, Aquitaine, IDS-FUNMAT,....  
National and regional, ANR, Industry  
ANR, Industry, Europe  
University, CNRS

**57** PhDs  
**16** Post Docs  
**19** Technical staff  
**2** Visiting scientists  
**27** Others

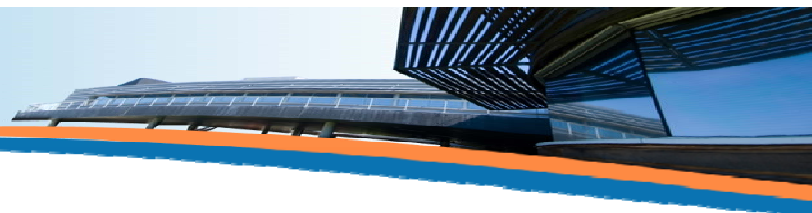




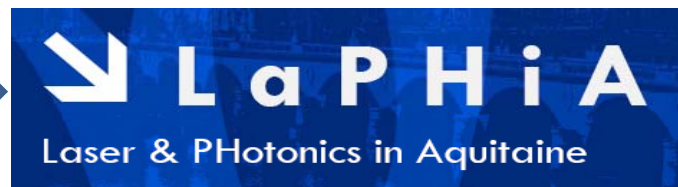
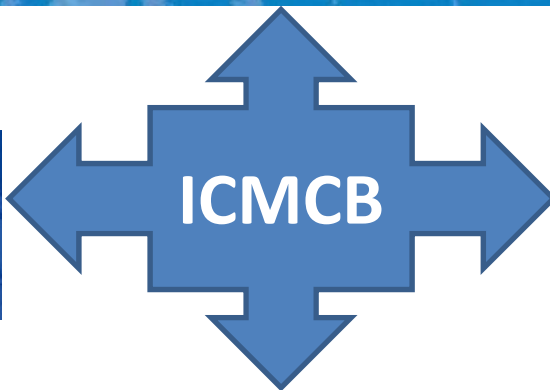


- Medium scale facilities shared by all UBx1 labs : TEMs, SEMs, XPS, X-Ray Microprobe, AUGER
- ICMCB services : chemical and thermal analysis, Mossbauer





## Our involvement in the Bordeaux excellence initiative

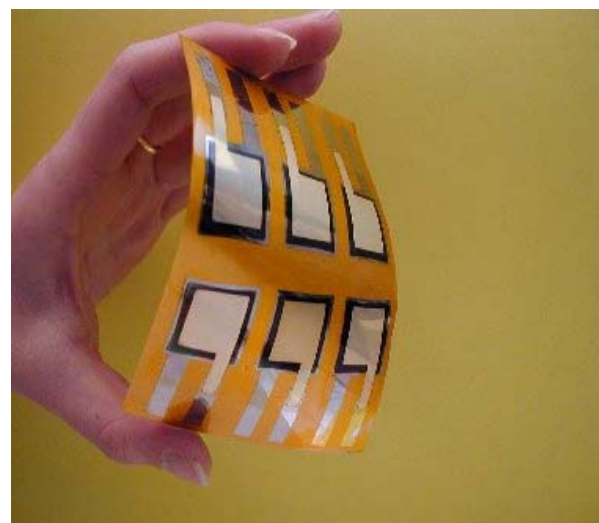




# Energy



In-situ investigation of  
Li-battery materials  
[crog@icmcb-bordeaux.cnrs.fr](mailto:crog@icmcb-bordeaux.cnrs.fr)



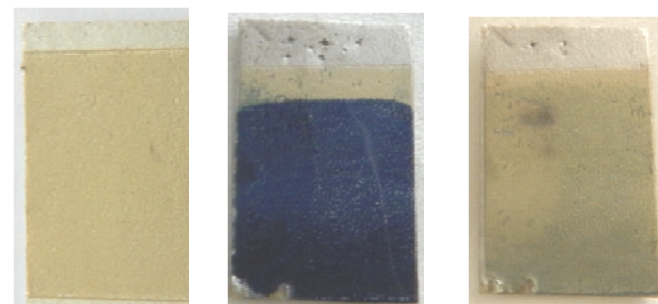
Thin film integrated Li-Batteries on a  
soft substrate  
[pecquen@icmcb-bordeaux.cnrs.fr](mailto:pecquen@icmcb-bordeaux.cnrs.fr)



# Energy



Solid Oxide Fuel Cell test platform  
[grenier@icmcb-bordeaux.cnrs.fr](mailto:grenier@icmcb-bordeaux.cnrs.fr)



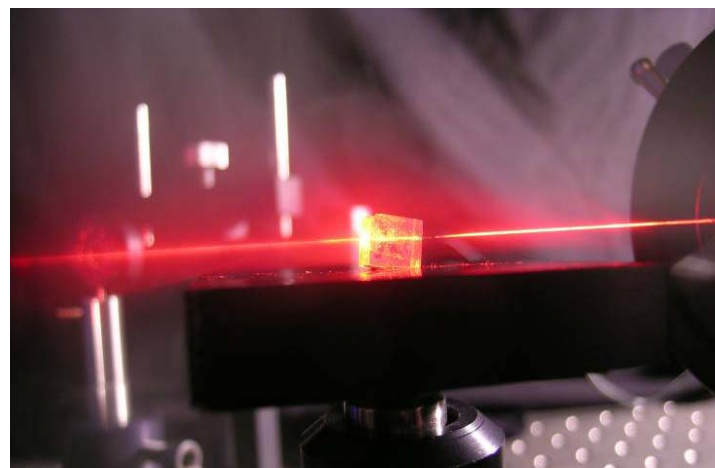
Electrochromism of a  $\text{WO}_3$  thin  
film on a soft substrate  
[rougier@icmcb-bordeaux.cnrs.fr](mailto:rougier@icmcb-bordeaux.cnrs.fr)



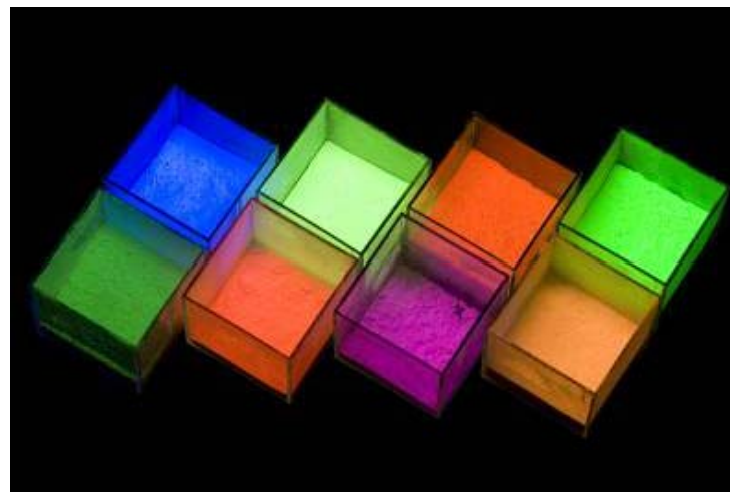


# Laser Materials and phosphors

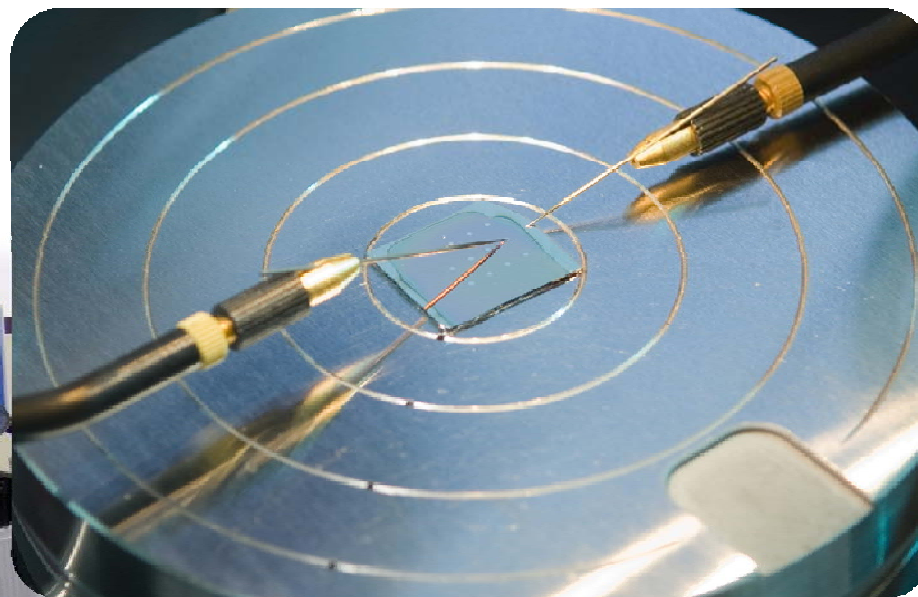
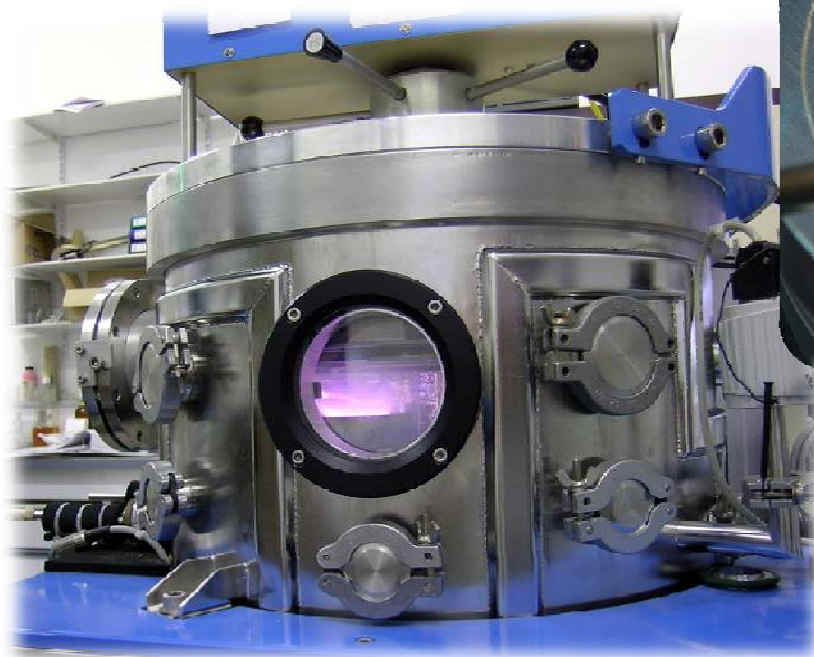
cardinal@icmcb-bordeaux.cnrs.fr



*Mesure de durée de vie d'un matériau par laser*



*Poudre luminescente cristallisée*



# Thin films for electronics

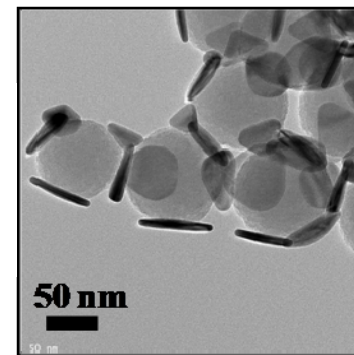
[maglione@icmcb-bordeaux.cnrs.fr](mailto:maglione@icmcb-bordeaux.cnrs.fr)





# Functional And Nano Materials

Nanosilica cores decorated by  
metallic triangles  
treguer@icmcb-bordeaux.cnrs.fr

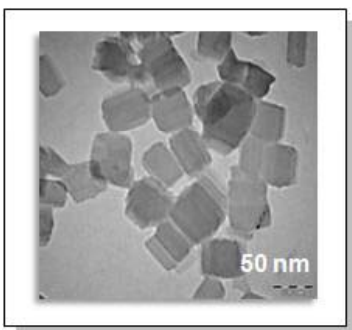


Nanosilica cores surrounded  
by polymer spheres



Towards  
nanoresonators  
for optical  
metamaterials

duguet@icmcb-bordeaux.cnrs.fr



Molecular Pigments  
letard@icmcb-bordeaux.cnrs.fr



Olikrom  
www.olikrom.com

# Functional And Nano Materials



Supercritical fluids  
as efficient media for  
nanosynthesis and  
structuration  
aymonier@icmcb....