

# Enhanced industrial uses and technology transfer opportunities at SOLEIL



Strategic vision: contributing to strengthening innovation, growth and competitiveness of companies (especially SMEs !)

Improve the use, by industry and industrial services sector, of equipments (not only BLs) and human skills (not only scientific) of SOLEIL

Catalyze technological and commercial development of the scientific instrumentation firms:

1. « Upstream », by industrial partnerships
2. « Downstream », by knowlegde transfers

## Synchrotron analytical services (proprietary access):

- Main markets are « biology-health » oriented:  
Biotechnology (27%), Pharmacy (22%), Cosmetics (22%)
- Complex materials sectors are less involved:  
Transport (10%), (Petro)chemicals (8%), others (11%)
- Industrial projects (*proprietary access + Peer Review Committee access*) = 8% of the total external projects

Framework agreements for use of BLs signed with Major Companies (*in pharmacy, cosmetics, petrochemicals, microelectronics...*)

## Technology Transfer activities between 2008 and 2012

Scientific & technological partnerships with start-ups, SMEs and Large Companies  
(*for optics, detectors, metrology, bio-cristallography...*) => Talk

Caminade/Lancelot, Session I

5 international patents in co-ownership with private and/or public partners (*a 6<sup>th</sup> joint patent application is being prepared*)

Technological services achieved for SMEs or other large infrastructures  
(*mechanical tests or cleaning in ultra-vacuum conditions, magnetic measurements, supplies of electronic devices, design of pulsed power supplies...*)

4 knowledge transfers with French SMEs (*a fifth is in progress*) + 1 with a French Hospital => Talk Le Naour/Guettier, Session II, part. II, 18:20



## Enhanced access with specialized platforms

Dedicated interface team

**INRA-SOLEIL**

**COSMETOMIQUE**

**MICASOL**

**IPANEMA**

Dedicated premises  
on the SOLEIL site

Non-synchrotron  
analysis equipments

## Specialized platforms from the S1 of 2013

MICASOL Platform  
(for materials and nanotechnology)

Partners: publics labs  
(Universities, CNRS) from Alsace  
region, Materials Institute Carnot  
Alsace

Users: numerous industrial sectors  
(fine chemical, petrochemicals,  
food, pharmaceuticals , biotech...)

COSMETOMIC Platform  
(for cosmetic products)

=> **Talk Christophe Masson**  
**Session III, Friday 9:10**

**Thank you for your attention !**

**Philippe Deblay**  
**Technology Transfer Manager**  
[philippe.deblay@synchrotron-soleil.fr](mailto:philippe.deblay@synchrotron-soleil.fr)  
**+33 1 69 35 90 05**

