

**Intersublevel studies
in self-assembled semiconductor quantum dots
Paris, Carré des Sciences
2 –3 April 2008**

PROGRAM

Wednesday 2nd April 2008

13h – 14 h : Reception of participants

14h – 14 h 45 : Andrei Schliwa

Technical university of Berlin

Inter-sublevel transitions as fingerprints of structural and chemical properties of InGaAs QDs

14h 45– 15 h 30 : Luke Wilson

University of Sheffield

Probing intraband transitions in quantum dots in the mid-infrared and terahertz ranges'

15h30 – 16h00 : Coffee break

Posters

16h – 16 h 45 : Robson Ferreira

Laboratoire Pierre Aigrain, ENS Paris

Energy relaxation in singly and doubly occupied quantum dots

16h45 – 17 h 15 : Nathan Porter

University of Sheffield

New approaches for quantum dot infrared photodetectors operation

20 h Restaurant (close to the workshop site)

Thursday 3rd April 2008

9h00 – 9h45 : Karl Unterrainer

Technical university of Vienna

Understanding intersublevel dynamics for device applications

9h45– 10h30 : Sébastien Sauvage

Institut d'Electronique Fondamentale, CNRS-Université Paris-Sud

Single quantum dot mid-infrared absorption spectromicroscopy

10h30-11h : Coffee break

Posters

11h – 11h30 : Angela Vasanelli

Université Paris VII
Emission between Landau levels

11h30 – 12h00 : Thomas Grange

Laboratoire Pierre Aigrain, ENS Paris
Decoherence mechanisms of intraband transitions in quantum dots

12h00-14h00 : Lunch at the Carré des Sciences

14h00 : End of workshop

Talks are either 35 minutes + 10 minutes discussion or 20 minutes + 10 minutes discussion

