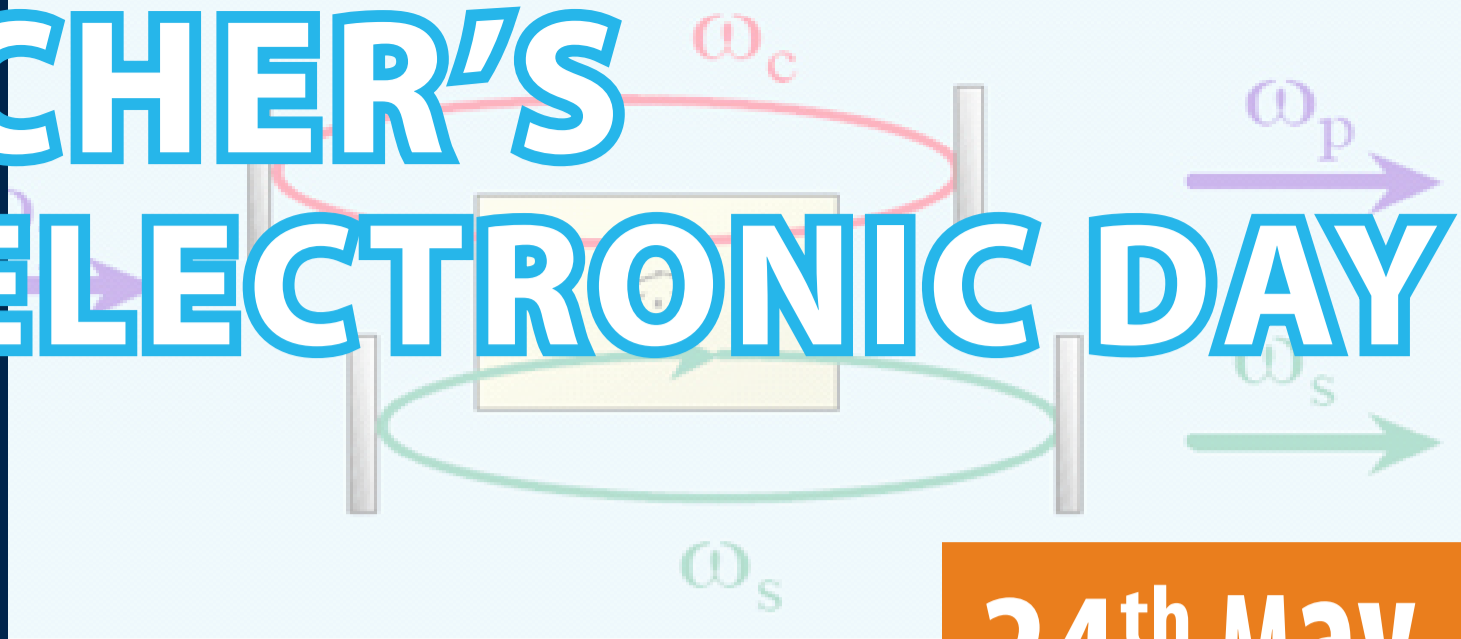
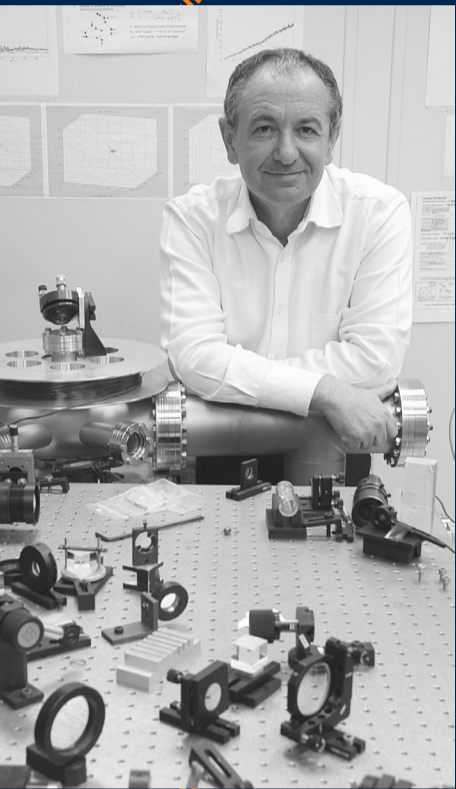


# ROSENCHER'S OPTO-ELECTRONIC DAY



**24<sup>th</sup> May**  
**Amphi Faurre**  
**École Polytechnique**



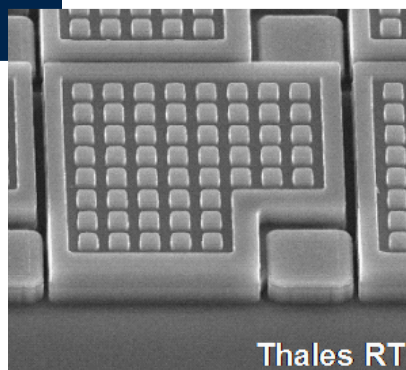
## Programme

- 8h30** *Welcoming*
- 9h** Opening ceremony by  
 Denis Maugars, President of Onera  
 Speeches of Général Xavier Michel, Director of École Polytechnique,  
 Vincent Berger, President of Université Paris VII,  
 and Riad Haidar, « PhD student under Rosencher' rule »
- 9h30** **QUANTUM ENGINEERING**  
**Quantum Engineering** Jérôme Faist, *ETH Zürich, Switzerland*
- 10h00** **Quantum well detectors** Philippe Bois, *3-5 Lab, France*
- 10h30** *Coffee break*
- 11h00** **Optical non linearities in quantum wells**  
 Harald Schneider, *HZDR, Germany*
- 11h30** **Semiconductors: why are they so quantum?**  
 Carlo Sirtori, *Université Paris 7, France*
- 12h00** *Lunch*
- 14h00** **PHOTON DETECTION**  
**Detecting single photons** Andrea Fiore, *TUE, Netherlands*
- 14h30** **Quantum or non-quantum, classical or non-classical, states of light** Claude Fabre, *Laboratoire Kastler-Brossel, France*
- 15h00** **Plasmonic detection** Riad Haidar, *Onera, France*
- 15h30** *Coffee break*
- 16h00** **OPTICAL FREQUENCY CONVERTERS AND OPOs**  
**Optical Parametric Oscillators in a matchbox**  
 Michel Lefebvre, *Onera, France*
- 16h30** **Semiconductor nonlinear optical devices**  
 Marty Fejer, *Stanford University, USA*
- 17h00** **Closing Conference** by Alain Aspect, *IUGS, France*  
**From Einstein's intuitions to Bell's inequalities and quantum information: fantastic entanglement**

**30 years  
of quantum  
engineering  
applied  
to optics**

**Registration deadline:**  
**10<sup>th</sup> May**  
<http://www.triangledelaphysique.fr>

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 THE FRENCH AEROSPACE LAB

