



**Call for participation on NEMO Summer School:
“Technologies and Applications of Microoptics”**

Location: Département d’Optique, FEMTO-ST, UFR des Sciences et Techniques
16 route de Gray, 25030 Besançon, France

Date: 25 August – 5 September 2008

Local Organizing Committee:

Christophe Gorecki, Chair of the School
Daniel Charraut,
Lukasz Nieradko
Jean-Claude Jeannot

Scientific Committee:

Hervé Maillotte, FEMTO
Vincent Laude, FEMTO
Malgorzata Kujawinska, WUT
Pentti Karjoja, VTT

Contact: Christophe Gorecki,
e-mail: nemo.summer-school@femto-st.fr

The course

The Summer School on “Technologies and applications of Microoptics” is a training program of NEMO network offering a unique opportunity to experience 10 intensive days of high-level teaching on topics at the heart of microoptics. This includes both highly specialized lectures and hands-on experience in the clean-room and laboratory. Various visits including high-tech companies, as well as a visit to the Institute FEMTO-ST and several social events are included in the course.

Target audience

The program is ideal for recent graduates and doctoral students in physics or engineering who wish to boost their standing in microoptical technologies. This targets the course particularly to young scientists coming from NEMO partner groups. A maximum of 16 students will be accepted for the course.

LABORATORY	LECTURES
<ul style="list-style-type: none"> - technology MEMS/MOEMS for microoptics with fabrication of thermally actuated micromirror - 3D micromachining with initialisation to introduction to wire EDM, laser machining, micro-molding and rheology of moulded polymers at different temperatures - laboratory on microstructured fibers - design and /modelling for microoptics 	<ul style="list-style-type: none"> - micro-optics and diffractive optics - microstructured optics fibers - supercontinuum lasers -MEMS technology - micro-molding and hot-embossing - technologies of packaging for photonics - integrated optics and waveguided MOEMS - photonic crystals and photonic waveguides - microoptical sensors - modelling in micro and nanooptics

Summer School place

Besançon, the capital of Franche-Comté, is well known for its micromechanic activities. With its abundance of wide open spaces, mountains, forests and rushing waters, its architectural heritage, its fine cuisine and excellent wines, Franche-Comté offers an escape to a quality of life.

Links: <http://www.citadelle.com/accueil-en.php> and www.besancon.com (in French only)

Venue

Besançon is directly connected by train (TGV) to Paris. Arrival to Lyon/Mulhouse/Genève airports is also suitable.

Registration fees: 460 €

Contact: nemo.summer-school@femto-st.fr

This amount contains the accommodation, lunch cost and Franche-Comté trip.

Payment details

- By check in Euros (payable in France to “Université de Franche-Comté, SAIC”), sent to: SAIC, Direction de la Valorisation, Temis Innovation – Maison des Microtechniques, 18, rue Alain Savary, 25000 Besançon, France

- By Bank or Post transfer in Euros to the order of : Agent Comptable de l’Université de Franche-Comté, Trésor Public, Trésorerie Générale – Quai Veil Picard, 25000 Besançon, France

Account Number: 00001002577

Key: 08

Swift (BIC): BDFEFRPPXXX

IBAN Code: FR76 1007 1250 0000 0010 0257 708

- By Credit Card directly at the beginning of the Meeting

All bank charges are at the sender’s expense in addition to the actual registration fee.