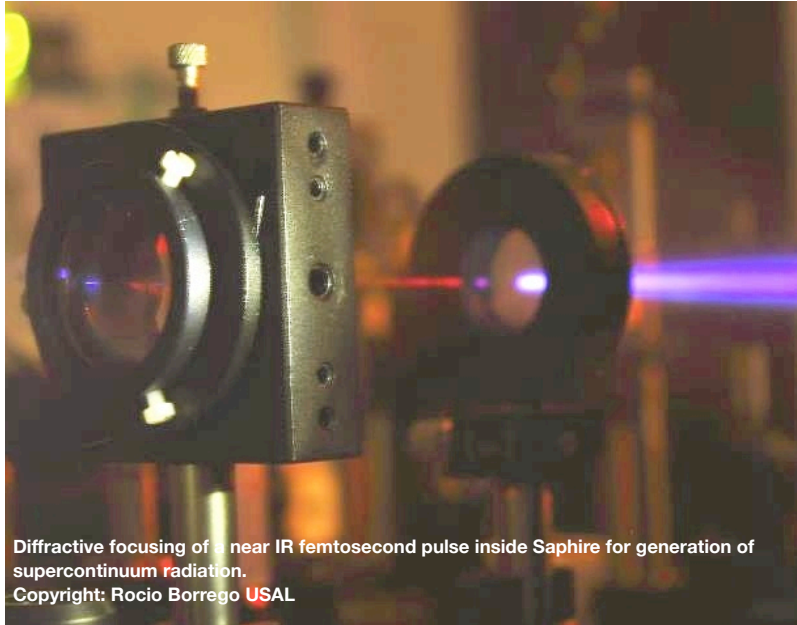
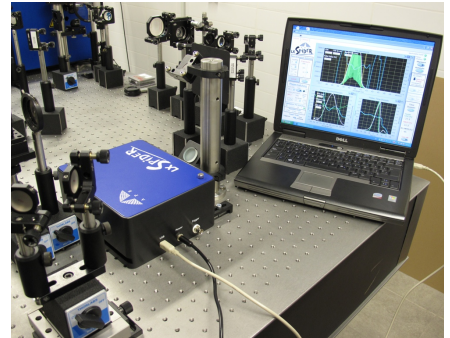


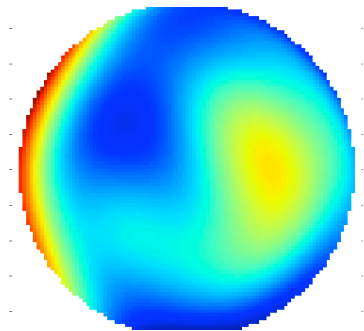
OPEN POSITION PHOTONICS RESEARCH GROUP · UNIVERSITAT JAUME I

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GROC · UJI



Diffractive focusing of a near IR femtosecond pulse inside Saphire for generation of supercontinuum radiation.
Copyright: Rocio Borrego USAL



Research Grant Application

The object of this call is to provide a grant for stay of a foreign researcher in the Photonic Research Group at Universitat Jaume I in Castellón. The purpose of this grant is to give support to research and development tasks, and it is addressed to people who have obtained a university degree by a non-Spanish university, and gives access to master studies in the scientific field of Physics and more specifically Photonics.

Photonics is the science of light. It encompasses the generation, management, guiding, and detection of light and, most importantly, its use in benefit of the mankind. Photonics plays a key role in many scientific and technological problems of XXI century ranging from technology productions or communications to biomedical or health aspects. By this reason, photonics has been promoted as a key-enabling technology by European Union. In particular we offer a position in the research field of **BIOPHOTONICS** and more specifically in the field of **engineering of optical devices for biological applications of digital holographic microscopy and femtosecond lasers**. It is important, although not mandatory, introductory skills in physics and optics at the level of the university degree. Also, programming abilities in Matlab or Labview are welcome. Research tasks will be carried out to engineer a digital holographic microscope with computer control as well as its integration with the femtosecond laser facility of the group.

The Photonic Research Group at Universitat Jaume I in Castelló is a young and active research group in the field of photonics with 6 permanent professors and, currently, 3 postdoc, 3 doctorate students, and several master and undergraduate students. You can find more information at our webpage <http://bit.ly/GROCUJ>.

Application process (PLEASE CONTACT Prof. JESÚS LANCIS TO GET THE DOCUMENTS lancis@uji.es)

- Application form, ID document (EU member states) or Valid passport
- Copy of academic record with qualifications and dates (with Spanish translation)
- Photocopy of the university degree or fee payment
- Updated curriculum vitae, 2 reference letters and documentation about knowledge of Spanish or English language
- Report of the applicant's participation in the research project

Eligible Candidates

- To have a university degree by a non-Spanish university, in order to access to master degree studies
- To have completed their studies after 1st January 2011
- To have the necessary knowledge and conversational skills of Spanish or English language, sufficient for the proposed education
- Not to have a doctorate degree

The Fellowship

- 2 year grant (can be extended for an additional year) or until doctoral degree obtention
- Gross salary per month: € 1.200, with their corresponding personal income tax withholding (an stipend of € 1600 for travel and setting during the first year)
- Where appropriate, academic stipend of € 1.200 per year to cover Master studies
- Accident and liability insurance as well as health insurance

IMPORTANT DATES

- **APPLICATION IS OPEN UNTIL 25TH FEBRUARY 2013**
- **Probable incorporation date: 16/06/2013**