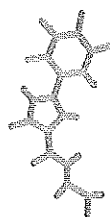


ICIQ Fellowships Programme



PhD

FELLOWSHIPS 2012

Four-year fellowships
for doctoral candidates

Distinguished scientific advisers

Cutting-edge research

International researchers and students

Supportive environment



ABOUT ICIQ

The Institute of Chemical Research of Catalonia (ICIQ) is a dynamic and innovative research institution located in Tarragona, 100km south of Barcelona. The Institute has consolidated its position as one of the top level institutions for chemical research in Europe and offers state-of-the-art equipment and facilities. Our Institute follows a combined theoretical-experimental approach, with dynamic collaborations between research groups for multidisciplinary approaches to relevant scientific-industrial problems.

ICIQ PhD Fellowships

The Institute of Chemical Research of Catalonia (ICIQ) offers PhD Fellowships in the following research projects:

- **Artificial Photosynthesis and New Energy-Conversion Schemes**
Prof. Antoni Llobet
- **Magnetic Molecule-based Conductors for Synthetic Magneto-Electronics**
Prof. José Ramón Galán-Mascarós
- **Synthesis and Applications of Molecular Containers**
Prof. Pau Ballster
- **Practical and Sustainable Catalysis in the Context of Multi-Component Reactions**
Prof. Arjan Kleij
- **Immobilized Catalytic Species for Continuous Flow Enantioselective Processes**
Prof. Miquel A. Pericàs
- **Computational Design of Homogeneous Catalysts**
Prof. Carles Bo
- **Gold Catalysis in Organic Synthesis**
Prof. Antonio M. Echavare
- **Operando Vibrational Spectroscopy**
Prof. Atsushi Urakawa

REQUIREMENTS

Candidates should have (or expect to obtain) a degree in Chemistry, Chemical Engineering, Physics or a related discipline. The studentship provides a stipend comparable to an FPU-MEC fellowship rate and covers the tuition fees for the enrollment in the graduate program of the University Rovira i Virgili.

*Two PhD Fellowships are funded by:



- **Computational Homogeneous Catalysis**
Prof. Feli Maseras
- **Organometallic Fluorine Chemistry**
Prof. Vladimir Grushin
- **Theoretical Models in Heterogeneous Catalysis**
Prof. Núria López
- **Metal-Catalyzed C-O activation: New Avenues for research**
Prof. Rubén Martín
- **Metal-Free Catalysis For New Amination Reactions**
Prof. Kilian Müll
- **Materials for Nanomedicine Applications: From Molecular Imaging to Theragnosis**
Prof. Emilio Palomares
- **When Asymmetric Aminocatalysis Meets the Vinyllog Principle**
Prof. Paco Melchiorre
- **Modular Approaches to Asymmetric Catalysis**
Prof. Anton Vica

How to

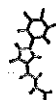


Applicants should fill out the Application Form at www.iciq.es, and send it with their CV to phdfellowships@iciq.es

Only applications received before October 30, 2012 will be considered.

For further information about the Institute and the ICIQ PhD Fellowships, please visit our web site: www.iciq.es

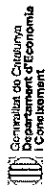
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ICIQ

Institute of Chemical
Research of Catalonia
Av. Països Catalans 16
43007 Tarragona (Spain)
Phone: +34 977 920 200
Fax: +34 977 920 224
www.iciq.es



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