

Liebig-Lectureship

Der Liebig-Vereinigung für Organische Chemie
In der Gesellschaft Deutscher Chemiker

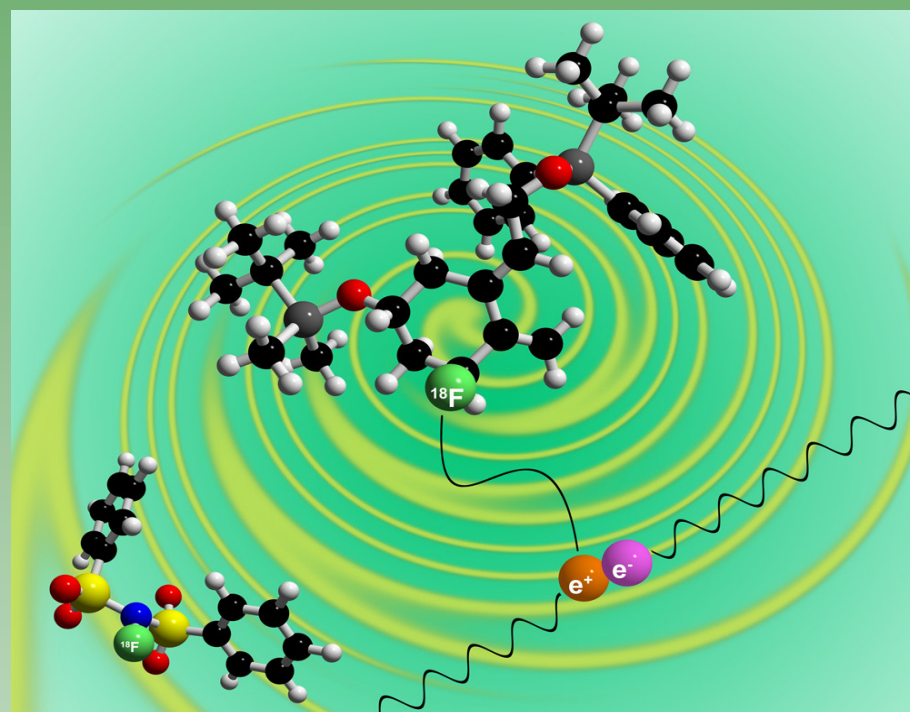


October 2011

Prof Véronique GOUVERNEUR
University of Oxford

Fabulous Fluorine

Fluorine has become a powerful foundation for chemical exploration, discovery and innovation. We are interested in all aspects of selective fluorination with the design, discovery, and study of fundamentally interesting and useful organic reactions. We have exploited silicon chemistry to construct fluorinated molecules inclusive of those featuring multiple stereocenters. Our current efforts are focused on the design and implementation of transition-metal based strategies to activate or construct C-F bonds. The value of the chemistry will be exemplified inter alia in the context of ^{18}F -radiochemistry to support positron emission tomography (PET), a molecular imaging technology of clinical value for diagnosis, so-called personalised medicine and drug development.



Tuesday,
Wednesday
Thursday
Friday
Monday
Tuesday

October 4th
October 5th
October 6th
October 7th
October 10th
October 11th

Rostock
Kiel
TU Munich
RWTH Aachen
Marburg/Giessen
Leipzig

Véronique Gouverneur secured her education in Belgium (UCL). She did her PhD with Prof. L. Ghosez in the field of organic chemistry, then work as a postdoctoral research fellow at the Scripps Research Institute with Prof. R. A. Lerner. She returned to Europe in 1994 where she took a position of Maître de Conférence at ULP (France). She started her independent research career at the University of Oxford in 1998. Her work published in more than 150 publications, book chapters and patents has been recognised through various awards (2011 IUPAC Distinguished Women in Chemistry/Chemical Engineering, 2010 The Thieme Chemistry Journal Award, 2008 The RSC Bader Award, 2005 The AstraZeneca Research Award in Organic Chemistry); she is a member of various editorial boards and committees (Member of the Academic Advisory Board *Advanced Synthesis and Catalysis*, Member of the Academic Advisory Board *Beilstein J. Org. Chem.*, Vice-President RSC Organic Division, Member of the Royal Society Organic Chemistry Awards Committee, Member of the Editorial Board of *Organic and Biomolecular Chemistry*, UK representative of EUCHEM Organic Division, Chair of the RSC Fluorine Group). She also holds a tutorial fellowship at Merton College since 1998.

Die Liebig-Vereinigung für Organische Chemie richtete 1999 eine Vortragsreihe – die Liebig-Lectureship – für herausragende ausländische Vertreter der organischen Chemie ein. Diese Vorträge führen die damit Ausgezeichneten an fünf oder mehr Forschungsinstitute ihrer Wahl. Die vorherigen Inhaber der Liebig-Lectureship waren:

1999	Prof. Philippe Renaud, Univ. Lausanne, Switzerland	2005	Prof. Robert Madsen, Danmarks TU, Lyngby, Denmark
2000	Prof. Varinder K. Aggarwal, Univ. of Sheffield, UK	2006	Prof. Antonio Echavarren, Institute for Chemical Res., Taragona, España
2001	Dr. David M. Hodgson, Oxford University, UK	2007	Prof. Karl J. Hale, Queen's University of Belfast, UK
2002	Prof. Carolyn Bertozzi, Univ. of California, Berkeley, USA	2008	Dr. Paolo Melchiorre, University of Bologna, Italy
2003	Dr. Guy Lloyd Jones, University of Bristol, UK	2009	Prof. Karl Gademann, EPFL, Lausanne, Switzerland
2004	Dr. Jieping Zhu, CNRS Gif-sur-Yvette, France	2010	Prof. Dr Valentin Ananikov, Russian Academy of Sciences, Moscow, RF