

Liebig-Lectureship



der Liebig-Vereinigung für Organische Chemie
in der Gesellschaft Deutscher Chemiker

October-November 2010

Prof. Dr. Valentin Ananikov

*Zelinsky Institute of Organic Chemistry, Russian Academy of
Sciences, Moscow*

Transition-metal-catalyzed carbon-carbon and carbon-heteroatom bonds formation *via* atom- economic reactions

C-C and C-X bonds:

Our research is focused on development of catalytic synthetic procedures for selective C-X and C-C bonds formation with the impact on Green Chemical methods. New NMR and MS techniques were developed to study reaction mechanisms.

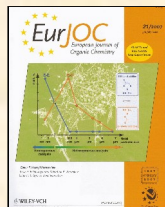
Cover pictures:



Chem. Eur. J. 16/7/2010



Eur. J. Inorg. Chem. 9/2009



Eur. J. Org. Chem. 21/2007

- **Homogeneous catalysis** (*Chem. Eur. J.*, **2010**, 16, 2063)
- **Nanoparticles catalysis** (*J. Am. Chem. Soc.*, **2007**, 129, 7252)
- **Heterogeneous catalysis** (*Organometallics*, **2007**, 26, 740)
- **Leaching** (*Eur. J. Inorg. Chem.*, **2009**, 1149)
- **Selective transformations** (*Synlett*, **2009**, 2375; *Chem. Eur. J.*, **2008**, 14, 2420; *Organometallics*, **2008**, 27, 4056)
- **ONIOM studies of catalytic reactions** (*J. Mol. Cat. A*, **2010**, DOI = 10.1016/j.molcata.2010.03.015)
- **DFT for reaction mechanisms** (*Eur. J. Inorg. Chem.*, **2007**, 5390; *J. Am. Chem. Soc.*, **2002**, 124, 2839)
- **NMR of chiral compounds** (*Chem. Commun.*, **2010**, 46, 3212)
- **NMR and MS** (DOI = 10.1016/j.mencom.2010.05.001)

Monday, October 25, 2010
 Tuesday, October 26, 2010
 Wednesday, October 27, 2010
 Friday, October 29, 2010
 Monday, November 1, 2010
 Tuesday, November 2, 2010
 Wednesday, November 3, 2010
 Thursday, November 4, 2010
 Friday, November 5, 2010

LMU München
 University of Hannover
 Leibniz Institute for Catalysis, Rostock
 University of Regensburg
 University of Göttingen
 University of Giessen
 TU Berlin
 University of Münster
 University of Aachen

Valentin Ananikov (1975) was educated at Donetsk State University, Ukraine (MSc, 1996) and at the Institute of Organic Chemistry, Moscow, Russia (PhD, 1999; and Habilitation, 2003). He has got Professor and Head of Laboratory positions in 2005; in 2008 he was elected as a Member of Russian Academy of Sciences. He received several awards including the Russian State Prize for Young Scientists for Outstanding Achievements in Science and Technology (2004), Medal of Russian Academy of Sciences (2000), Outstanding Scientists Award by Science Support Foundation (2005), Personal Research Grant of President of Russia (2009-2010). Valentin Ananikov is a member of International Advisory Boards of *Organometallics* (ACS) and *Chemistry - An Asian Journal* (Wiley-VCH).

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:

2000 Prof. Varinder K. **Aggarwal**, Univ. of Sheffield, UK
2001 Dr. David M. **Hodgson**, Oxford University, UK
2002 Prof. Carolyn **Bertozzi**, Univ. of California, Berkeley, USA
2003 Dr. Guy Lloyd **Jones**, University of Bristol, UK
2004 Dr. Jieping **Zhu**, CNRS Gif-sur-Yvette, France

2005 Prof. Robert **Madsen**, Danmarks Tekniske Universitet, Lyngby, Denmark
2006 Prof. Antonio **Echavarren**, Institute for Chemical Res., Taragona, España
2007 Prof. Karl J. **Hale**, Queen's University of Belfast, United Kingdom
2008 Dr. Paolo **Melchiorre**, University of Bologna, Italy
2009 Prof. Karl **Gademann**, EPFL, Lausanne, Switzerland

Eine Veranstaltung der

