

CURRICULUM VITAE

PERSONAL DETAILS

Name: Wojciech Józef Wojtków

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Brithplace and Birth date: Kraków, 11th November 1976

Marital status: married (since 01.03.2003)

Nationality: Polish



EDUCATION

1995 – 2000

Faculty of Chemistry, Wrocław University, MSc in Chemistry in 2000,

2000 - 2005, MSc degree.

Ph. D Studies in Homogeneous Catalysis Group, supervisor: prof. Anna M. Trzeciak, Ph. D thesis subject: „Carbonylation of aryl and benzyl halides catalysed by palladium complexes and palladium colloids”.

PROFESSIOANL EXPERIENCE

May – July 1997.

Quality Control Laboratory, Istituto Ricerca Della Sulla Aquae, Bari (Italy)

Since July 2005.

Post-doc position at the Institute of Physical Chemistry, University of Debrecen (Hungary)

KNOWLEDGE AND EXPERIENCE

Knowledge and experience in inorganic and organic chemistry and synthesis (also advanced oxygen-free and moisture-free techniques), experience in homogeneous and heterogeneous catalysis, basic expertise in ¹H NMR, ³¹P NMR spectroscopy and GC, GC-MS / HPLC analyses. Experience in IR, UV-Vis spectroscopic measurements.

PUBLISHED ARTICLES

1. A. M. Trzeciak, W. Wojtków, Z. Ciunik, J. J. Ziółkowski,
Low-pressure carbonylation of benzyl bromide with palladium complexes modified with PNS (PNS = Ph₂PCH₂CH₂C(O)NHC(CH₃)₂CH₂SO₃Li) or P(OPh)₃. Structural identification of palladium-catalyst intermediate.
Catalysis Letters, 77, No. 4, 245-249, **2001**.
2. A. M. Trzeciak, W. Wojtków, J. J. Ziółkowski,
Catalytic activity of palladium complexes, PdCl₂(cod) and PdCl₂(P(OPh)₃)₂, in methoxycarbonylation of iodobenzene.
Inorganic Chemistry Communications 6, 823-826, **2003**.
3. A. M. Trzeciak, W. Wojtków, J. J. Ziółkowski, J. Wrzyszczyk, M. Zawadzki,
The role of Pd colloids as catalysts in the phosphane-free methoxycarbonylation of iodobenzene.
New Journal Chemistry, 28, 859-863, **2004**.
4. W. Wojtków, A. M. Trzeciak, R. Choukroun, J. L. Pellegatta,
Pd colloid-catalyzed methoxycarbonylation of iodobenzene in ionic liquids.
Journal of Molecular Catalysis A: Chemical, 224, 81-86, **2004**.

COMMUNICATIONS ON CONFERENCES

- 1) 4th International School on Molecular Catalysis, Poznań-Dymaczewo, Poland, 28.08-02.09 **2001**. Oral and poster presentation, programme IIIB-P2.
- 2) VIIth Regional Seminar of PhD-Students on Organometallic and Coordination Chemistry, Bad Kösen, Germany 3-7 03.2002. Oral presentation, Programme p 30.
- 3) XLV Meeting of the Polish Chemical Society, Kraków, Poland, 9-13.09. **2002**, Poster presentation.
- 4) NANOCAT 2003, International Summer School on Molecular and Supramolecular Approach to Nano-Designed Catalysts, Torino, Italy, 14-20 09. **2003** Poster presentation.
- 5) 8th Regional Seminar of PhD-Students on Organometallic Chemistry, Hrubá Skalá, Czech Republic, 29.09-03.10. **2003**. Oral presentation, p 37.
- 6) 15th Summer School on Coordination Chemistry, Szklarska Poręba, Poland, 06-12.06 **2004**. Poster presentation.

TRAININGS and COURSES

Tempus Program, Istituto Ricerca Della Sulla Aquae, Universita di Bari, Bari, Italy 05-08.1997
experience in ion exchange techniques (water purification) under supervision of prof. N. Aresta,
and dr D. Petruzelli.

Two weeks summer course of Hungarian language (60 hours), culture and history at the
University of Debrecen, Debrecen, Hungary 24.07-06.08.2005.

FOREIGN LANGUAGES

English (good), German (fair), Russian (fair), Hungarian (basic)

SKILLS AND PERSONAL INTERESTS

Computer skills (hardware, software e.g. all most known MS Office applications), Driving
Licence category B since 1994, car techniques, fishing.