

Curriculum Vitae

Dr. Narcis Avarvari



1971 born in Iasi, Romania
1990 – 1994 studies at the “Alexandru Ioan Cuza” University of Iasi, Romania
1993 – 1994 studies at the Ecole Polytechnique, Palaiseau, France
1994 – 1995 Master of Organic and Organometallic Chemistry at the Université Paris XI Orsay – Ecole Polytechnique Palaiseau
1995 – 1998 PhD student at the Ecole Polytechnique Palaiseau, advisers Prof. F. Mathey and Dr. P. Le Floch
11 Sept 1998 PhD thesis: "Polyfunctional phosphinines and first phosphorus sp² based macrocycles"
1998 – 1999 postdoctoral fellow with Prof. H. Grützmacher at the ETH Zürich, Switzerland
1999 – 2001 CNRS researcher (chargé de recherche) at the IMN Nantes, France
since 2001 CNRS researcher (chargé de recherche) at the University of Angers, Laboratory MOLTECH-Anjou, Angers, France
2001 – 2006 temporary assistant professor at the ENSTA Paris
Jan 2006 Research Habilitation Diploma (Habilitation pour Diriger des Recherches)
since 2009 associate professor at the Ecole Polytechnique, Paris
since 2010 director of research at the CNRS

Awards and Distinctions

1989 silver medal at the International Chemistry Olympiad, Halle, Germany
1999 PhD award of the Ecole Polytechnique
2007 2007 Award of the Coordination Chemistry Division of the French Chemical Society
2007 “Gheorghe Spacu” medal of the Romanian Chemical Society
2009-2013 “Prime d’Excellence Scientifique” CNRS (awarded for periods of 4 years)
2013-2017 “Prime d’Excellence Scientifique” CNRS (awarded for periods of 4 years)
2013-2014 Wenner-Gren Foundation (Sweden) grant as invited researcher at the University of Lund, Sweden

Research Interests

– Molecular materials: synthesis and design of functionalized sulfur rich precursors
chiral multifunctional molecular materials (chirality, conductivity, magnetism, luminescence)
crystal engineering and self-assembling

– Coordination/organometallic chemistry:
main group chemistry (phosphorus, sulfur, silicon, germanium, antimony)
redox active ligands (phosphines, dithiolates, pyridines, oxazolines, etc.)
electron transfer, mixed valence species
homogeneous enantioselective catalysis

Publications

125 publications (published, in press, submitted) at present (October 2016)
H-index: 31

Invited Lectures 81 (34 in international congresses and 47 in research laboratories)

Languages French, Romanian (bilingual), English (fluent), Italian (fluent), German (medium), Spanish (medium)