

CURRICULUM VITAE

Marius ANDRUH

Birth date: 15 July 1954, Smeeni-Buzau, Romania,
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Languages: English, French, German

Corresponding Member of the Romanian Academy (June 2001)

Member of the Academia Europaea (London) - 2004

Membre correspondant de l'Académie Européenne des Sciences, des Arts et des Lettres (Paris) - 2004

Head of the Inorganic Chemistry Department, Faculty of Chemistry

Education

Post-doc: *A. von Humboldt* fellow

(February 1992-August 1993)

Institut für Anorganische Chemie der Universität
Göttingen

(Professor Herbert W. Roesky)

Post-doc

(January 1991-January 1992)

Université de Paris-Sud, Laboratoire de Chimie
Inorganique

(Professor Olivier Kahn)

Ph.D. (1988)

University of Bucharest; Topic of Thesis:

*Coordination Compounds of Fe(II), Ni(II) and Co(II)
with Pyridine Derivatives: Electronic Structure and
Thermal Behaviour* (Professor Maria Brezeanu)

M.S.(1979)

University of Bucharest

Inorganic Chemistry and Physical Chemistry

Employment

1996 - present: **Professor of Inorganic Chemistry,**
University of Bucharest, Faculty of Chemistry

1994-1996 - Associate Professor at the University of
Bucharest and *Professeur associé*, Université du

Québec à Montréal

1990-1994: Lecturer, University of Bucharest

1984-1990: Assistant Professor, University of Bucharest

1982-1984: Research Assistant, Institute of Physical Chemistry of the Romanian Academy, Bucharest

1979-1982: Chemist, Semiconductor Devices Plant, Bucharest

Director of the Doctorate School in Chemistry, University of Bucharest (2005 – present)

Visiting Professor

Université de Bordeaux I and Institut Universitaire de France (April-June 1998).

Universität Göttingen (April-July 2001 – Stability Pact Project, Alexander von Humboldt Foundation).

Mazaryk University Brno, November 2001.

Université d'Angers (2003, 2004).

Université Pierre et Marie Curie Paris, July 2005.

Friedrich-Schiller-Universität, Jena, February 2006.

University of Manchester, March 2006.

Gauss Professorship, Akademie der Wissenschaften zu Göttingen (November-December 2006).

Université Louis Pasteur, Strasbourg, February, 2007

Université Paul Sabatier, Toulouse, June, 2007

Research interests

Chemistry of polynuclear coordination compounds:

Homo- and heteropolynuclear complexes.

Metallosupramolecular Chemistry. Crystal Engineering.

Magnetic properties of polymetallic complexes.

Teaching

Inorganic Chemistry - at first year bachelor level,

University of Bucharest

Coordination Chemistry -at third year bachelor level,

University of Bucharest

Bioinorganic Chemistry - University of Bucharest

Inorganic Stereochemistry - M. S. level, University of Bucharest

Inorganic Chemistry I (CHI-1201, CHI-2201) -

Université du Québec à Montréal (1994 – 1996).

Polynuclear Complexes - M. S. level, University of Bucharest

Supramolecular Chemistry, M. S. level, University of Bucharest.

Publications

160 papers, 6 books, 3 patents

Conferences

and research seminars

Universität Göttingen (1994, 1996, April 1997, November 1997, 1998, 1999, 2001, 2004, 2006), Universität Bielefeld (1994, 1997, 2001, 2004), Universität Münster (1994), Université de Montréal (1994), Université du Québec à Montréal (1995); Institut de Chimie de la Matière Condensée Bordeaux (1996; 2004); Universität Magdeburg (1997); Technische Universität Berlin (1997), Universität Bremen (1997), Carnegie Mellon University, Pittsburgh (2000), Mazaryk University, Brno (2001), Charles University, Prague (2001), University of Valencia (2003), Université d'Angers (2003, 2004, 2005); Université Louis Pasteur, Strasbourg (2005, 2007); Friedrich Schiller Universität, Jena (2006), University of Manchester (2006), Université de Paris-Sud (2007), University of Karlsruhe (2007), Université Paul Sabatier, Toulouse (2007).

Invited plenary lecture at the 17th Conference on Coordination Chemistry, Bratislava, June 1999.

Invited plenary lecture, Société Chimique de France, Paris, December 1999.

Invited session lecture, 2nd International Conference of the Chemical Societies of the South-East European Countries, June 2000, Halkidiki, Greece;

Invited plenary lecture at the International Symposium on Crystal Chemistry of Coordination, Organic and Supramolecular Compounds, Chisinau, October, 2001.

Invited key-note lecture – Advanced ESF Workshop, Synthetic Approaches to Molecular Magnets, Chemical

Tools and New Trends, Dourdan, France, April 2002.

Invited lecture at the Annual Workshop *Modern Development of Magnetic Resonance*, Kazan, Russia, October 2002.

Invited lecture at the 4th International Conference of the Chemical Societies of the South-East European Countries, July 2004, Belgrade.

Plenary lecture at XVth Symposium of the Spanish Crystallographic Meeting. Molecular Materials, Tenerife, Canary Islands, September, 2004.

Lecture, Symposium *Chemistry & Art*, organized by the Académie des Science (France) and Academia Leopoldina (Germany), Fondation Les Treilles, France, 20-25 May 2005

Plenary lecture, 22nd Chugaev International Conference on Coordination Chemistry, Chisinau, 19-24 June, 2005.

Invited lecture, XX Congress of the International Union of Crystallography, MICROSYMPOSIUM *Molecular Crystals with Novel Physical Properties*, Florence, 23-31 August, 2005.

Invited lecture, Moldavian-Polish-Ukrainian Symposium on Supramolecular chemistry, October 10-12, Chisinau, R. Moldova.

Invited lecture, GECOM-CONCOORD-2006, 7-12 May 2006, Ile de Noirmoutier, France.

Lecture: XVth Winter School on Coordination Chemistry, Karpacz, Poland, 4-8 December 2006.

Invited lecture: Gordon Research Conference, Salve Regina University, Newport, RI, USA, July 29 – August 3, 2007.

Invited lecture: 2nd European Young Investigator Awardees Symposium, Bucharest, April 29 – May 3, 2008.

Awards

"G. Spacu" Price for Chemistry of the Romanian Academy (1990)

For Merit National Order (2008)

Member

Editor-in-Chief *Revue Roumaine de Chimie*

Editorial Board of *Scientific American* (Romanian Edition)

Editorial Advisory Board *The Open Inorganic Chemistry Journal* (2007)

Editorial Advisory Board *The Open Material Science Journal* (2008)

Agence Nationale de la Recherche (France), Comité Scientifique Disciplinaire CSD3 – Chimie (2008)

President of the Inorganic Chemistry Division of the Romanian Chemical Society (since 1997).

National Council of Scientific Research (since 2006).

National Council for Diplomas and Academic Titles (since 2004)

National Chemistry Olympiad (member since 1985; President since 2006)

Referee

J. Am. Chem. Soc., *Chem.-Eur. J.*; *Chem. Commun.*; *Inorg. Chem.*; *Dalton Trans.*; *Eur. J. Inorg. Chem.*; *Cryst. Growth & Des.*; *CrystEngComm.*; *Adv. Mater.*, *J. Phys. Chem.*, *Inorg. Chim. Acta*; *Inorg. Chem. Commun.*; *Polyhedron*; *Coord. Chem. Rev.*; *J. Molec. Struct.*; *J. Inclusion Phenom.*; *J. Solid State Sci.*

Biographical records in *Marquis Who's Who in Science and Engineering*, 7th Edition, 2003-2004.; D. N. Rusu, *Membrii Academiei Romane*, Editura Academiei Romane, 2003.

