

Prof. Dr. Andrea Balducci

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Education

15/10/2014	Habilitation in Physical Chemistry at the Westfälische Wilhelms-Universität Münster, Germany Title of the thesis: "Design of ionic liquid-based electrolytes for high power devices".
11/12/2006	PhD in Materials Sciences at the Paul Sabatier University of Toulouse, France with "mention très honorable". Title of the thesis "Hybrid supercapacitors based on activated carbon and conducting polymers using ionic liquids as electrolytes".
22/03/2001	Degree in Chemistry at the University of Bologna with 108/110 points. Title of the thesis: "Photophysics and redox property of supramolecular Ru and Os polypyridine complexes".
1995	Maturità Scientifica , attained at the "Istituto Tecnico Commerciale Statale L. Einaudi" in Novafeltria (PU) (54/60).

Scientific career

Since 06/2016	Professor for "Applied Electrochemistry" (W2) at the Friedrich-Schiller University Jena, Institute for Technical Chemistry and Environmental Chemistry Center for Energy and Environmental Chemistry Jena (CEEC Jena)
01-02/2016	Call from Friedrich-Schiller University Jena (accepted) and Dresden University of Technology (declined).
01/2015 – 05/2016	Senior researcher at the Helmholtz Institute Ulm, Germany.
10/2009 – 12/2014	Scientific leader of the independent research group "Supercapacitors and lithium-ion hybrid supercapacitors based on ionic liquids" at the Institute of Physical Chemistry, Westfälische Wilhelms-Universität Münster, Germany.
04/2008 -09/2009	Researcher at the Institute of Physical Chemistry, Westfälische Wilhelms-Universität Münster, Germany in the research group of Prof. Martin Winter.
02/2007 - 03/2008	Postdoctoral fellowship within the European Project "ILLIBATT", "Ionic Liquid-based Lithium Batteries" (Call Identifier: FP6-2004-NMP-TI-4, Project Number: STRP 033181) in the research group of Prof. Martin Winter at the Institute of Chemistry and Technology of Inorganic Materials (ICTAS), Graz University of Technology, Austria.
11/2006 - 01/2007	Postdoctoral fellowship within the European Project "ILHYPOS", "Ionic Liquid Hybrid Power Supercapacitors" (TST4-CT-2005-518307, Contract Number 518307) in the research group of Prof. Marina Mastragostino at the "UCI-Scienze Chimiche, Radiochimiche e Metallurgiche", University of Bologna, Italy.
10/2003 - 10/2006	Doctoral thesis within a PhD project involving Paul Sabatier University of Toulouse, France (Prof. Patrice Simon) and University of Bologna, Italy (Prof. Marina Mastragostino) funded by the Italian- French University as part of the Vinci project 2003.
01/2003 - 09/2003	Graduate student fellowship within the European Project "SUSANA" "Supramolecular Self-Assembly of Interfacial Nanostructures" in the research groups of Prof. Robert Forster and Prof. Han Vos at the School of Chemical Science, Dublin City University, Ireland.
01/2002 - 12/2002	Graduate student fellowship within the project "Materials for electrochemical energetic" in the research group of Prof. Marina Mastragostino at the "UCI-Scienze Chimiche, Radiochimiche e Metallurgiche", University of Bologna, Italy. (This stipend gave me the release from the military service)
05/2001-12/2001	Graduate student fellowship within the European Project "SCOPE", "Supercapacitors of Power and Energy" (project number JOE3.CT97-0047) in the research group of Prof. Marina Mastragostino at the "UCI-Scienze Chimiche, Radiochimiche e Metallurgiche", University of Bologna, Italy.

Languages spoken

Italian	Native speaker
Englisch	Fluent (written and oral)
French	Fluent (written and oral)
German	Very good knowledge (written and oral)

Memberships

- International Society of Electrochemistry (ISE)
- Electrochemical Society (ECS)

Advisory/editorial board in journals

- Member of the advisory board of *Electrochimica Acta* (Impact factor: 4.803)
- Member of the Editorial board of *Electrochemistry Communications* (Impact factor: 4.569)
- Member of the Editorial board of *Batteries & Supercaps*

Guest Editor

- Guest editor (together with Dr. F. Favier and Dr. P.L. Taberna) of the special issue "ISEE'Cap2015 symposium" in *Electrochimica Acta* (Impact factor: 4.504).
- Guest editor of the special section "Electrochemical capacitors: present and future of an emerging technology" in the *Journal of Power Sources* (Impact factor: 6.217)
- Guest Editor (together with Prof. M. Korth) Special issue "Interfacing experiment and theory for the development of new materials for electrochemical energy storage" of *ChemSusChem* (Impact factor: 7.116)

Advisory board in conferences

- Advanced Battery 2015, Aachen (Germany) April 27-29, 2015
- International Symposium on Enhanced Electrochemical Capacitors, ISEE'Cap15, Montpellier (France) June 8-12, 2015.
- International Conference on Advanced Capacitors, ICAC2016, Otsu (Japan) May 23 – 27, 2016

Conference and Symposium organizer

- Chair of the 5th International Symposium on Enhanced Electrochemical Capacitors (ISEE Cap 2017) Jena (Germany) July 10-14, 2017.
- Co-Organizer of the symposium “Fast Electrochemical Processes and Devices”, 232th ECS Meeting 2017, National Harbor (USA) October 1-5, 2017.
- Leading organizer of the symposium “Electrochemical Capacitors and related devices: Fundamentals to Applications”, 230th ECS Meeting-PRiME 2016, Honolulu (USA) October 2-7, 2016.

Awards/Recognitions

- Listed by Thomson Reuter in the ISI Highly Cited Researcher 2016 in Engineering