

Curriculum Vitae

Name: **OLEKSANDR / ALEXANDER**

Surname: **OLIYNYK / OLEINICK**

(The appearance of two names reflects different transliterations into English from Ukrainian and Russian respectively)

Date & place of birth: *27 September, 1979, Iziium, Ukraine*

Current position: Charge de Recherche, CNRS

Current work address: CNRS-ENS-UPMC UMR 8640 'PASTEUR'

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Educational degrees / scientific title diplomas:

- 2001** Researcher-mathematician (*equivalent of Master of Science*); specialisation: applied mathematics. Kharkov National University of Radioelectronics (KNURE), Kharkov, Ukraine. Diploma of Researcher-mathematician by Ministry of Education and Science of Ukraine
- 2005** Candidate of technical sciences (*equivalent of PhD*), specialty: mathematical modelling and computational methods, KNURE. Diploma of the Candidate of technical sciences by the Superior Certification Committee of Ukraine
- 2006** Senior Scientist in Mathematical Modelling and Numerical Methods, KNURE. Diploma of Senior Scientist by the Superior Certification Committee of Ukraine
- 2016** Habilitation (Habilitation à Diriger des Recherches), University Pierre and Marie Curie, Paris, France

Career / Employment:

- 1996–2001** Student at Kharkov State Technical University of Radioelectronics (KTURE), faculty of applied mathematics and management
- 2001** Junior Scientist at Biomedical Electronics Department, KTURE
- 2001–2004** Aspirant (*PhD-student*) at Mathematical and Computer Modelling Laboratory (MCML). Supervisor: Prof. I. Svir. KNURE, Ukraine
- 2005, 18 Jan** Defence of dissertation for the scientific degree 'candidate of technical sciences' (*equivalent of PhD*), dissertation title: Mathematical modelling of diffusion processes in electrochemical systems with microelectrodes of different shapes. Supervisor: Prof. I. Svir
- 2005** Senior Scientist at MCML, KNURE, Kharkov, Ukraine
- 2005–2006** Post-doc fellowship in the group of Prof. C. Amatore, Département de Chimie, Ecole Normale Supérieure (ENS), Paris, France (supported by Mairie de la Ville de Paris)
- 2007(6 month)** Post-doc fellowship in the group of Prof. C. Amatore, Département de Chimie, Ecole Normale Supérieure (ENS), Paris, France (supported by INTAS)
- 2008(6 month)** Post-doc fellowship in the group of Prof. C. Amatore, Département de Chimie, Ecole Normale Supérieure (ENS), Paris, France (supported by INTAS)
- 2006-2009** Doctoral research fellow (*habilitation dissertation research*) by the Ministry of Education and Science of Ukraine at MCML, KNURE, Kharkov, Ukraine

- 2009-2010** Leader Scientist at MCML, KNURE, Ukraine
- 2010-2014** Chargé de recherches (CR2) of CNRS, Ecole Normale Supérieure (ENS), Département de Chimie, UMR 8640, Paris, France
- 2014-now** Chargé de recherches (CR1) of CNRS, Ecole Normale Supérieure (ENS), Département de Chimie, UMR 8640, Paris, France

Honours, Awards, Fellowships, Grants, Membership in Professional Societies:

- 2000** Visiting researcher at Oxford University, Physical and Theoretical Chemistry Laboratory, group of Prof. Richard Compton, Oxford, UK
- 2003** Visiting researcher at Oxford University, Physical and Theoretical Chemistry Laboratory, group of Prof. Richard Compton, Oxford, UK
- 2003** Visiting researcher at Ohio State University, Department of Chemistry, group of Prof. Matthew Platz, Columbus, USA
- 2003-2010** Fellow of the Ministry of Education and Science of Ukraine for young talented scientists up to 35 years of age
- 2005** Visiting researcher at Ohio State University, Department of Chemistry, group of Prof. Matthew Platz, Columbus, USA
- 2006** Award of Mairie de la Ville de Paris (France) for post-doc researchers
- 2007** Award of INTAS (Belgium) for post-doc researchers
- 2007** Award for Young Electrochemists by *Electrochimica Acta* journal and invited lecture at the 58-th meeting of ISE in Banff, Canada, 9-14 Sept, 2007
- 2007** Roche Continents Award (Switzerland) for 100 Young European researchers and artists

Member of International Society of Electrochemistry (ISE), since 2006.

Member of French Chemical Society (SCF), since 2010.

Publications / Conferences:

Number of papers in peer-reviewed journals: **77** (58 in international journals, 19 in Ukrainian/Russian ones)

h-index: **17**, number of citations: ca. **670** (Web of Science)

Number of oral communications at scientific meetings: **36** (2 plenary, 1 keynote, 1 invited)

Licensed software: **1** (ECL-Package, 2001)