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*Group leader at the Institute of Electronics, Microelectronics and Nanotechnology  
Associate Editor, ACS Applied Materials & Interfaces since 06/2015  
Guest Professor, Shandong University, Jinan, China (2008-2013)  
Guest Professor, China University of Petroleum, Qingdao, China (2016-2020)  
International Advisory Board member, Graduate school of Wageningen University and  
Research, Wageningen, The Netherlands since 03/2017*

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### **Education**

**2002:** Habilitation in chemistry of materials, University of Versailles, France  
**1990 - 1993:** PhD in organic and organometallic chemistry (highest distinction), Paul Sabatier University, Toulouse, France  
**1989 - 1990:** Masters in organic chemistry with honors, Paul Sabatier University, Toulouse, France

### **Awards and Scholarships**

2017: Award of Professor DS Kothari Chair of Indian National Science Academy  
2014: A 4-year Research Excellence Award (PES) from the CNRS  
2011: Co-lauréat du Prix de l'Innovation 2011, Fondation Ecole Polytechnique  
2010: A 4-year Research Excellence Award (PES) from the CNRS  
2008: Best Talk of the Day Award, Porous Semiconductors Science and Technology (PSST 2008)  
2000: National Research Council Canada (NRCC) Outstanding Achievement Award  
1998-1999: Natural Sciences and Engineering Research Council of Canada (NSERC) fellowship  
1989-1993: Postgraduate Scholarship from the French Government  
1985-1989: Scholarship from the Algerian Ministry of Education

### **Publications (H Index scopus: 48), Total citations: 9028**

<http://scholar.google.com/citations?user=ouWAEXAAAAAJ&hl=fr> (H index: **52**, total citations: **10959**)

> 420 publications

- > 154 seminars and invited conferences
- 10 patents
- 31 book chapters

### **Service and Activities**

- Associate Editor, ACS Applied Materials & Interfaces (since 06/2015)
- Associate Editor, Reviews in Advanced Sciences and Engineering (11/2012-03/2015)
- Editorial Board Member of the E-Journal of Chemistry, Materials Chemistry section (03/2012-03/2017)
- Editorial Board Member of Pure and Applied Chemical Sciences (01/2013)
- Editorial Board Member of the Journal of Chemical and Biological Interfaces
- Editorial Board Member of the Journal of Nanotechnology in Diagnosis and Treatment
- Co-editor ECS Transactions Volume 33, Las Vegas, NV, October 10-15, 2010, 218<sup>th</sup> ECS Meeting
- Lead editor of the ECS Transactions, Volume 50, Issue 54, Honolulu, HI, October 7-12, 2012, 222<sup>nd</sup> ECS Meeting
- Co-editor ECS Transactions Volume 69, Phoenix, AZ, October 11-15, 2015, 228<sup>th</sup> ECS Meeting
- Co-editor ECS Transactions Volume 73, Honolulu, HI, October 2-7, 2016, 230<sup>th</sup> ECS Meeting

### **- Co-editor:**

- 1-**Book title:** Solar Cell Nanotechnology (500 pages)  
**Editors:** Atul Tiwari, Rabah Boukherroub & Maheshwar Sharon  
**Publisher:** Co-published by John Wiley & Sons, Inc. Hoboken, New Jersey, and Scrivener Publishing LLC, Salem, Massachusetts  
ISBN 978-1-118-68625-6  
Copyright © 2014 by Scrivener Publishing LLC. All rights reserved
- 2-**Book title:** Introduction to Plasmonics: Advances and Applications  
**Editors:** Sabine Szunerits and Rabah Boukherroub  
**Publisher:** Pan Stanford Publishing  
Copyright © 2015 Pan Stanford Publishing Pte. Ltd.  
ISBN 978-981-4613-12-5 (Hardcover), 978-981-4613-13-2 (eBook)
- 3- **Book title:** Encyclopedia of Nanotechnology  
**Editor:** Bharat Bhushan  
**Section editors:** R. Boukherroub, S. Szunerits, A. Toma, R. Proietti  
**Section:** Nanoplasmonics  
**Publisher:** Springer
- 4- **Book title:** Functionalized Nanomaterials for the Management of Microbial Infection  
**Editors:** Rabah Boukherroub, Sabine Szunerits and Djamel Drider  
**Publisher:** Elsevier  
Print book ISBN: 9780323416252  
Pages: 338  
Published: 14/12/2016
- 5- **Book title:** Nanocarbons for Electroanalysis  
**Editors:** Sabine Szunerits, Rabah Boukherroub, Aloson Downard, Jun-Jie Zhu

**Publisher:** John Wiley & Sons, Ltd.  
To be published in 2017

- Secretary/treasurer of the European section of electrochemistry (2007-2014)
- Member of the Electrochemical Society (since 2001)
- Expert for the Observatory for Micro and Nano Technologies (OMNT) (2008-2010)
- Member of the steering committee of the research network (GDR) “Nanofils, Nanotubes Semi-Conducteurs” (2006-2013)
- Member and National representative for African Network for Solar Energy (ANSOLE)
- Member of the Strategic Orientation Committee of the Research Institute for Materials Science and Engineering of University of Mons
- Member of the Scientific and Technical Strategic Committee (COST) of the Plateforme d’Innovation (PFI) Nouvelles Vagues
- Member of the Scientific Council of the University Lille1 (10/2014-04/2016)
- Co-Chair of the Heinz Gerischer award 2014
- Member of the steering committee of the research network (GDR) “Bio-Ingénierie des Interfaces, Elaboration, caractérisation et applications
- Member of the scientific committee of The Biotechnology Research Center (CRBt), Constantine, Algérie
- International Advisory Board member, Graduate school of Wageningen University and Research, Wageningen, The Netherlands

**- Advisory board member**

- 1<sup>st</sup> German-French Summer School on Electrochemistry and Nanotechnologies, September 5-10, 2004, Porquerolles, France
- 2<sup>nd</sup> German-French Summer School on Electrochemistry and Nanotechnologies, September 2-7, 2007, Lozari, Corsica, France
- 3<sup>rd</sup> German-French Summer School on Electrochemistry and Nanotechnologies, September 18-23, 2011, Porquerolles, France
- ICNT2013, Third Euro-India International Conference on Nanomedicine and Tissue Engineering, August 9-11, 2013, Kottayam, Kerala, India
- Global Graphene Forum, European Advanced Materials Congress, 23-25 August 2016, M/S Mariella, Viking Line, Stockholm, Sweden

**- Member of the scientific committee**

- First International Conference on Thin Films and Porous Materials, May 19-22/2008, Algiers, Algeria
- Summer school “Nano-objects in living cells: from physics to physiology”, September 1-4, 2008, Villeneuve d’Ascq, France
- Ecole thématique : "Fonctionnalisation moléculaire des Carbones : méthodes expérimentales, caractérisations et applications", Dinard 9 au 13 mai 2011.
- Plenary workshop of the GdR 2974, October 17-21, 2011, Porquerolles, France

- President of the scientific committee, 6<sup>ème</sup> Forum de Béjaïa « l'Université et le monde productif », 1- 4 Juillet 2012, Campus Aboudaou, Université de Béjaïa, Algérie
- International Conference on Nanomaterials and their Applications CINA 2012, 05-06/12/2012, Université 20 Août 1955, Skikda, Algérie
- Workshop IDEMAT, Centre franco-sibérien de formation et de recherche, 25-28 juin 2013, Institut des Sciences Chimiques de Rennes
- The 2013 International Conference on Advances in Nano Research (ICANR13), 25-28 August 2013, COEX, Seoul, Korea
- International Conference: Nanostructures for Sensing & Energy Storage, March 16-19, 2014, Algiers, Algeria
- International Conference on Spectroscopy and Applications ICSA 2014, May 2-4, 2014, Hammamet, Tunisia
- 1<sup>ères</sup> journées plénières du GDR Bio-Ingénierie des Interfaces, Elaboration, caractérisation et applications (GDR 3751), 29 & 30 juin 2016, Ecole Centrale de Lyon (Ecully)
- 1<sup>st</sup> International workshop “NanoBio Surfaces and Interfaces in Healthcare and Science”, Sept 27th and 28th, 2016, Enschede, Netherlands
- 2016 International Conference of Physical Chemistry, ROMPHYSICHEM 21-24, 2016, University of Galati, Romania
- Journée thématique « Couplage de techniques d'analyse. Apports et limitations » du GDR Bio-Ingénierie des Interfaces, Elaboration, caractérisation et applications (GDR 3751), Vendredi 4 Novembre 2016 – Paris (Campus Jussieu)

**- Member of the organizing committee**

- Summer school on semiconductor nanowires, 3SN'2008, 15-20 June 2008, Roscoff, France
- Summer school “Nano-objects in living cells: from physics to physiology”, 1-4 September 2008, Villeneuve d'Ascq.
- Lead organizer of the Symposium D6-Pits and Pores 4: New Materials and Applications. In Memory of Ulrich Göesele, Las Vegas, NV, October 10 - October 15, 2010, 218<sup>th</sup> ECS Meeting
- Thematic days on nanowires and applications" of the GDR "Semiconductor Nanowires and Nanotubes", Villeneuve d'Ascq, January 20-21, 2011
- 2<sup>nd</sup> Workshop of the Plasmobio Intereg IV research program, “Frontiers in Biological Detection”, 21-23 May 2012, Campus of Sciences and Medicine, University of Mons, Belgium
- Lead organizer of the Symposium D7-Pits and Pores 5: New Materials and Applications. In Honor of David Lockwood, Honolulu, Hawaii, October 7 - October 12, 2012, 222<sup>nd</sup> ECS Meeting
- Organizing Committee Member, 2<sup>nd</sup> International Conference and Exhibition on Biosensors & Bioelectronics, June 17-19, 2013 Hilton Chicago/Northbrook, USA

- Organizing Committee Member, 3<sup>rd</sup> International Conference and Exhibition on Biosensors & Bioelectronics, August 11-13, 2014, San Antonio, USA
- Organizing committee member for the World Congress and Expo on Nanotechnology and Materials Science (Nanotechnology-2015), April 13-15, 2015, Dubai, UAE
- Co-organizer of the Symposium C06-Pits and Pores 6: Nanomaterials-Fabrication Processes, Properties, and Applications, In memory of Yukio H. Ogata, 228<sup>th</sup> ECS Meeting - 2015 Oct. 11-16 - Phoenix, AZ, USA
- Organizing committee member, World Congress and Expo on Materials Science & Polymer Engineering (Materials Science-2015), November 26-28, 2015, Dubai, UAE
- Organizing committee member, Global Nanotechnology Congress and Expo (Nanotech-2016), April 21-23, 2016, Dubai, UAE
- Organizing committee member, Global Congress & Expo On Materials Science and Nanoscience (Materials Science-2016), October 24-26, 2016 at Dubai, UAE.
- Advisory/organizing board member, Global Graphene Forum, 23-25 August 2016, Stockholm, Sweden
- ElecNano, Nanomaterials for sensing and energy driven applications, Polytech'Lille, Villeneuve d'Ascq, May 23-25, 2016.
- Co-organizer of the Symposium C07-Pits and Pores 7: Nanomaterials-Fabrication Processes, Properties, and Applications, 230<sup>th</sup> ECS Meeting - 2016 Oct. 9-14 - Honolulu, HI, USA

**- Program Committee Member**

- French Symposium on Emerging Technologies for Micro-nanofabrication (JNTE 08), November 19-21, 2008, Toulouse, France
- SPIE Smart Materials, Nano- and Micro-Smart Systems Symposium, 9-12 December 2008, RMIT University, Melbourne Australia.
- French Symposium on Emerging Technologies for Micro-nanofabrication (JNTE 10), November 24-26, 2010, Palaiseau, France
- French Symposium on Emerging Technologies for Micro-nanofabrication (JNTE'2013), May 21-23, 2013, Evian, France
- French Symposium on Emerging Technologies for Micro-nanofabrication (JNTE'2015), November 2015, Lyon, France