

- Redouane BORSALI, born February 14<sup>th</sup>, 1961
- Present position: CNRS Research Director (DR1)
- Director of CERMAV, Grenoble, CNRS Laboratory - about 125 persons
- Director of Institute CARNOT "POLYNAT" - 5 laboratories in Grenoble
- "Physico-Chemistry Glycopolymer" Group Leader @ CERMAV (15 persons)
- Member (Appointed) of the CoNRS - Section 11 - 2008-2012
- Expert in Panels: ANR, AERES, 7 PCRD, FWO (Research Council Flanders), NSF,...
- PhD in Polymer Sciences earned from Louis Pasteur University, Strasbourg (1988)
- Post-doc: Max-Planck Institute MPI-P (Mainz), 2 years 1989-1990
- Visiting Professor at Stanford University (Chem. Depart. CA, USA) (2 years) 1996/98
- Visiting Scientist at IBM (Physics Dept, Almaden, San José, CA, USA) (1 year) 1995
- Polymer Physical-Chemistry Group Leader at LCPO, Bordeaux (2000-2006)
- More than 160 original papers (~80 since 2005), 10 review articles and 4 edited book
- More than 100 conferences (more than 60 invited)
- Supervisor of 12 Post-docs, supervisor or co-supervisor of 26 PhDs
- Organizer of 7 International Meetings on Polymers and Colloids

#### 4 Edited Books:

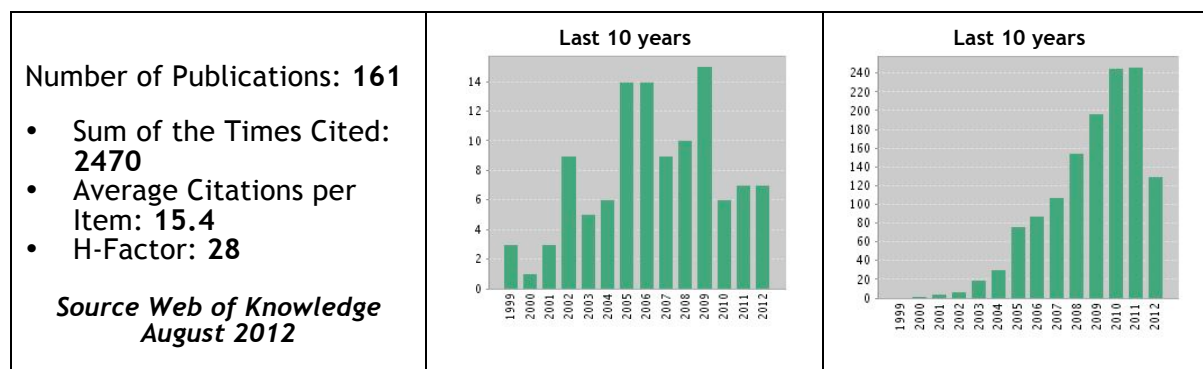
- 1- R. Borsali and R. Pecora (Editors) "Structure and Dynamics of Polymers and Colloids", NATO ASI Series, Kluwer Publisher Vol 568, 2002., 477 Pages ISBN: 9781402005022
- 2-R. Borsali and V. Soldi (Editors) "Advanced Polymeric Materials" Macromol. Sympos. FBPOL Wiley-VCH Vol 229, 2005, 280 Pages ISBN: 978-3-527-31332-7
- 3-R. Borsali and R. Pecora (Editors) "Soft Matter: Scattering, Imaging & Manipulation" 4 Volumes Springer Publisher (2008), 1400 pages ISBN: 978-1-4020-4464-9
- 4-V. Soldi and R. Borsali (Editors) Proceedings of the 2nd "French-Brazilian-Polymer" FBPOL2008 Conference published in "Materials Science and Engineering: C Supramolecular Science" Volume 29, Issue 2, Pages 357-662 (2009)



#### Organizer / co-organizer of 7 International conferences/ASI/ACS in Polymers and Colloids Sciences

- 1)-Advanced Study Institute -NATO Science: "Structure & Dynamics of Polymer and Colloids" held in Les Houches, France 1999. Chairmen: R. Pecora (Stanford University, Chemistry Department, CA, USA) & R. Borsali (CNRS, CERMAV)
- 2)-1<sup>st</sup> Polymer French-Brazilian Meeting FBPOL2005, held in Florianopolis (Brazil) in April 2005, organizers: R. Borsali (CNRS, LCPO, Bordeaux) & V. Soldi (Chemistry department, Florianopolis University (<http://quimica.ufsc.br/fbpol2005>))
- 3)-2<sup>nd</sup> Polymer French-Brazilian Meeting FBPOL2008, held in Florianopolis (Brazil) in April 2008, organizers: R. Borsali & V. Soldi (<http://quimica.ufsc.br/fbpol2008>)
- 4)-ACS Meeting, Boston, USA Chairs : R. Borsali (CERMAV, CNRS) & G. Hadziioannou (Bordeaux University), POLY Division ACS, Boston, August 2010 Memorial Symposium in Honor of H. Benoit : "Scattering and Soft-Matter Characterization"
- 5)-3<sup>rd</sup> Polymer French-Brazilian Meeting FBPOL2011, will be held in Florianopolis (Brazil) in April 2011, organizers: R. Borsali (CNRS, CERMAV) & V. Soldi (Chemistry Department, Florianopolis University) (<http://fbpol.net/>)
- 6)-XI SBPMAT Brazil MRS September 23-27, 2012 held in Costa de Santinho, Brazil, Symposium G: Nanostructured Polymers and Polymer-based Nanocomposites chairs : K. Dahmouche & R. Borsali : <http://www.sbpomat.org.br/>
- 7)-GFP November 19-22, 2012, Grenoble, Chairs: R. Borsali and S. Halila, <http://gfp2012.cermav.cnrs.fr>

## International recognized scientific citations



## Education & Experiences

Institution	Diploma	Year	Discipline
• Louis Pasteur University, Strasbourg	Master	1984	Phys-Chem
• Louis Pasteur University, Strasbourg	PhD	1988	Polymer Physics
• Max-Planck-Institute for Polymer Research, Mainz, Germany	Post-doc	1989	Polymer Physics 2 years
• Joseph Fourier University, Grenoble	Priv. Doz.	1992	Polymer Physics
• Stanford University, CA, USA	Visit. Prof.	1995	2 years
• IBM, Almaden, San Jose, CA, USA	Visit. Scient.	1996	1 year
• LCPO, Bordeaux University	Group Leader	2000	7 years

## Major Professional Activities

- Director of CERMAV (UPR 5301) Grenoble, France - Since January 2007 at present
- “Physico-Chemistry Glycopolymer” Group Leader @ CERMAV (10 persons)
- CNRS Director of Research: Polymer Physical Chemistry
- Professor of Polymer Sciences Master Science at Bordeaux University 2000-2005
- Professor of Polymer Science Master Science -ENSCP Bordeaux- 2001-2006
- Member of ACS and APS Divisions Polymer Chemistry Polymer Materials Science
- Member of GFP French Polymer Division since 2000
- Member (Appointed) of the CoNRS - Section 11 - and Member of the “Executive Board”
- Expert in Panels: ANR, AERES, 7 PCRD, FWO (Research Council Flanders), NSF,...
- Serve as reviewer for *Macromolecules*, *Langmuir*, *JACS*, *Phys. Rev. Let.*, *J. Chem. Phys.*, as well as international agencies such as NSF (USA), Canadian Research Agency,...

## Expertise:

Study of the Structure, the Dynamics and the Self-assemblies of “Soft Matter” and particularly on “Controlled Architecture Block GlyCopolymers, including:

- Nano-organization via Self-assemblies in thin films and their properties/applications in nanoelectronics (lithography, biosensors, etc...)
- Block Copolymers Self-assemblies: Nanoparticles (micelles) & Glycopolymersomes and their properties/applications in biomedical & cosmetic
- Natural polymers (polysaccharides), Polyelectrolytes, DNA & Proteins

These studies are carried out with the help of the state-of-the art techniques; mainly using scattering (light, x-rays & neutrons) and Imaging (TEM, Cryo-TEM, AFM, SEM) correlated to rheology techniques and theoretical approaches used in soft matter field.