

2- Presentation in English

GEORGES BOULON, PhD, EMERITUS PROFESSOR UCBLyon1



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Presentation and research activities

Emeritus Professor at the Claude Bernard/Lyon1 University (UCBL) in France and member of the Luminescence team at the “Institut Lumière Matière” (iLM), UMR 5306 UCBL-CNRS.

He was defended his “Doctorat 3ème cycle” on 1 March 1968 and his “Doctorat d’Etat ès-Sciences Physiques” on 1st June 1970 (Supervisors: Dr Françoise Gaume, Pr Joseph Janin and Pr Daniel Curie), was Assistant Professor in 1966, Associate Professor in 1970, Full Professor in 1981 and Emeritus Professor in 2009 at the UCBL.

Research activities concern crystal growths, structural characterization, spectroscopic and excited state dynamics analyzed mainly by laser spectroscopy, in both, rare earth, transition metal and heavy ions-doped inorganic luminescent materials (polycrystals, single-crystals, glasses, transparent ceramics) applied for laser materials, scintillators, phosphors or non-linear materials.

In the years 1983-1994 was Director of the Physical Chemistry of Luminescent Materials Laboratory (LPCML), ER 10 CNRS and URA 442 CNRS (70 members in 1994), then Director of the National Research Group of CNRS on Laser Materials (GDR-CNRS n°1148) in 1994-2001 composed of French Research Laboratories from Universities and Industries involved on Laser Materials. In 2003-2007 was member of the National Committee for the Evaluation of French Universities (CNE). Supervisor or co-supervisor of 40 PhD students.

International cooperations

First as Associated Researcher at the Wisconsin University, USA, with Prof. William Yen (6 months 1978), Invited Prof. at the Oklahoma State University, USA, with Prof. Richard Powell (3 months 1982).

Then regular invitations as Invited Prof. abroad in universities or Institutes like :

-in Japan, at Tohoku University in Sendai (one month every year, 6 months in 2010) with Prof. Fukuda (1996-2007) then by Prof. Yoshikawa (2008-2019) and also with Prof. Sarukura at Osaka University (Institute of Laser Engineering) since 2017.

-in Poland, at the University of Wroclaw with Prof. Janina Legendziewicz and Dr. Malgorzata Guzik and at the Polish Academy of Sciences of Wroclaw with Prof. Wieslaw Strek every year since 2002;

-in Brazil, COFECUB program 2007-2011 with Prof. Mauro Baesso (University of Maringa) and Prof. Luis Andrade (University of Dourados);
-in China, Distinguished Prof., at the Shanghai Institute of Optics and Fine Mechanics (SIOM), Chinese Academy of Sciences (2012-2019) with Prof Lili Hu and Prof. Wei Chen.

Scientific articles on February 2021

Factor h=46 on February 2021 (Web of science) : 9159 citations; 7790 citations excluding self-citations.

573 Scientific articles in peer reviewed journals between 1967 and 2020;

20 Special Issues in International Journals as Guest Editor;

20 Articles in Books of the Ettore Majorana Foundation, Erice, Sicily-NATO Science Series;

7 other articles in Books; 7 General articles in French;

4 Lessons in “Techniques de l’Ingénieur”;

6 Patents;

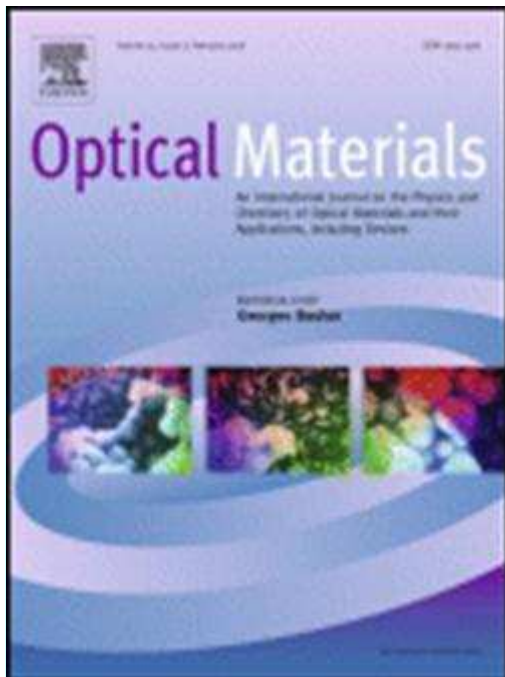
Editor-In-Chief of the journal “Optical materials “, Elsevier (2003-2014).

« A special Issue in honor of Professor Georges Boulon for his outstanding contributions to Optical Materials », Edited by Alok Srivastava, GE, Global Research, New York.

Optical Materials 63, 1-220 (January 2017)

ASSOCIATE EDITOR for *Optical Materials* (Elsevier, 1991-2003)

EDITOR-IN-CHIEF for *Optical Materials* (Elsevier, September 2003-2014)



An International Journal on the Physics and Chemistry of Optical Materials and their Applications, including Devices

Description

The purpose of *Optical Materials* is to provide a means of communication and technology transfer between researchers who are interested in materials for potential device applications. The journal publishes original

papers and review articles on the design, synthesis, characterisation and applications of optical materials.

Impact Factor in 2011: 2.023



<http://www.sciencedirect.com>

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« A special Issue in honor of Professor Georges Boulon for his outstanding contributions to Optical Materials », Edited by Alok Srivastava, GE, Global Research, New York. Optical Materials 63, 1-220 (January 2017)

Invited Communications in International Conferences every year.

Organizer and co-organizer of several international conferences. A special mention of the International Conference on Luminescence ICL'08, Lyon (7-11 July 2008) with 650 attendees.



Distinctions and Awards

- Chairman of the International Program Committee of the International Conference of Luminescence (ICL) during 2005-2014.
- ICL'2011 International Prize from « Journal of Luminescence » Elsevier, in Ann Arbor, USA, awarded every 3 years since 1966.
- Chevalier des Palmes Académiques, France (2005)
- Doctor Honoris Causa of 3 Universities: Universidad de Madrid, Spain (2009), Universiteit of Wroclaw, Poland (2010) and Universitat Roviri I Virgili, Tarragona, Spain (2012).
- Fellow of the Optical Society of America (USA, 2012).

-Prize of the « de Lancey et de la Hanty Foundation » (United Kingdom) awarded by
 « Académie des Sciences, des Belles Lettres et des Arts de Lyon, France » (June 2015)
 - Chevalier de l'Ordre National du Mérite, France (2016)

