

Short CV

First name, Christian name: Cavaille, Jean-Yves, Nicolas, Bernard
 Date of Birth: 14/01/1951, in La Tronche, France
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University training and diplomas

1973, July 15: Diploma of Engineer of SupElec, Paris
 Oct.1: Master Science diploma (DEA) in "Materials Physics" of Paris VI University
 1976, Oct.15: Engineer Doctor Degree (Aix-Marseille III): "Study of Ion Impacts on Field Emitter Crystals"
 1987, Sept.16: Ph.D. degree of INSA: "Study by Mechanical Spectrometry of the Molecular Mobility in Amorphous Polymers"

Administrative Positions and Responsibilities:

1976, Oct.1: Position of Assistant Professor at INSA - Lyon, in the Electrical Engineering Department (GE) and Research fellow in the Laboratory of Ferro-electricity (LGEF);
 1980, Oct.1: Joining the GEMPPM¹
 1986, Oct.1: Position as Assistant Prof. at INSA
 1988, Oct.1: Position as First Class Assistant Prof. at INSA
 1989, Oct.1: Position as Professor at the Joseph Fourier University (UJF Grenoble) and Researcher at CERMAV²
 1993, Oct.1: Position of a First Class Professor at UJF Grenoble
 1995, Oct.1-00, Sept.30: Member of the National Committee of CNRS (section #15, polymer physics)
 Since 1997, Sept.1: Professor at INSA; GEMPPM, Department of Materials Science and Engineering
 1999, Oct.1-00, Sept.1: Deputy Director of GEMPPM (Director: Prof. Roger Fougères)
 2000, Jan.1-06, Dec.31: Director of GEMPPM (now MATEIS³; 160 people, 75 perm. staff, 55 PhD stud., 15 Master stud., 10 post-doc). Since 2006, Deputy Director of MATEIS
 2002, Nov.1-06, Oct.31: Vice president of the Scientific Council of INSA
 Since 2006, Jan.1: Head of the Region Rhône-Alpes scientific cluster "MACODEV"
 Since 2006, Jan.1: Scientific advisor for the Region Lorraine in the field of material research & engineering
 2006, Oct.1: Promoted as "Classe Exceptionnelle 1" professor
 Since 2007, Nov.1: Vice president of the Universities National Committee in the field of material research (CNU#28)
 2008-2011: In charge of the Lyon Cité Campus project for la Doua Campus (renamed LyonTech la Doua)
 Since 2008, Dec.2: Co-director of the Science and Engineering Lyon Tohoku international joint laboratory (ELYT lab)
 2009-2010: Member of the National Agency for Research Committee, for Materials Sci. & Eng. (ANR, SIMI9)
 2010, Oct.1: Promoted as "Classe Exceptionnelle 2" professor
 Since 2010, Nov.18: Member of the Board of INSA

Long Term Stays:

Stay in the Materials Physics Laboratory (1986, McMaster University, Hamilton, Canada, Prof. G. Johari)

Short Term Stays:

1 Stay (2 weeks) at the Polytechnic University of Valencia (Spain)
 9 Stays (2 to 3 weeks at UNAM, CIQA (Mexico, CNRS-CONACYT project) and in São Carlos University (Brazil, CNRS-COFECUB project)
 20 Stays (1 to 2 weeks) at the Tohoku University, Sendai, Japan

Works & publications: 167 works published in International Journals with referees; 120 conferences, and 45 invited conferences. (5000 citations from WoS, for "cavaille jy"); Jury member for more than 80 PhD thesis
 Member of ACS; French Group of Polymers (GFP, treasurer 95-99); French Society of Physics (SFP)

Member of the editorial board of the Composite Science and Technology Journal; regular reviewer for Polymers, Macromolecules, J. Polym. Sci., etc.

Expert for various evaluation committees of the Research Ministry, CNRS, AERES⁴, and foreign institutions (NSERC, Canada; FONCYT, Argentina). Member of the Scientific Council of IFS, Tohoku Univ, Japan, 2006-09, and 2012.

Main Topics: Materials Sciences and Engineering & Solid State Physics

- Physical (mechanical and dielectric) properties of polymers and amorphous materials in their solid state;
- Relationships between molecular mobility and strain-stress behavior;
- Heterogeneous systems: semicrystalline polymers, blends, composites and nanocomposites. Multifunctional materials.

¹ GEMPPM, for: "Group of Physical Metallurgy and Materials Physics", INSA-CNRS joint laboratory (UMR) #5510

² CERMAV for "Research Center of Natural Macromolecules", CNRS lab (UPR) #5301, Grenoble

³ MATEIS for "Materials, Engineering & Science" new name of GEMPPM, UMR INSA-CNRS #5510

⁴ AERES for Evaluation Agency for Research and Higher Education (www.aeres-evaluation.com/)