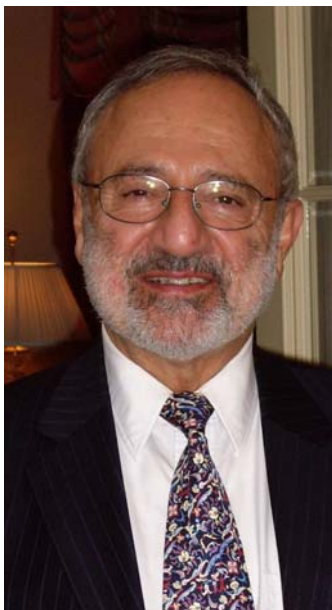


ACADEMICIAN

PATRICK GILLES SOUKIASSIAN



CURRICULUM VITAE

Present Positions:

• **Professor of Physics (*Exceptional Class*), Université de Paris-Sud/Orsay, France (since 1988)**
Master Physique Appliquée, Bât. 473, Département de Physique, Université de Paris-Sud/Orsay, 91405 Orsay Cedex, France

• **Foreign Member of the National Academy of Sciences of Armenia**

• **Head of the Surfaces et Interfaces de Matériaux Avancés (SIMA) Laboratory associated with the Université de Paris-Sud, Orsay, Commissariat à l'Énergie Atomique-Saclay**
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Previous Positions:

1987 - 1988: **Professor of Physics**, Northern Illinois University, DeKalb, U.S.A.
1985 - 1987: **Professor of Physics**, University of Wisconsin-Madison, U.S.A.
1974 - 1988: **Associate Professor of Physics**, Université de Reims-Champagne, France
1971 - 1974: **Assistant Professor of Physics**, Université de Reims-Champagne, France

Education:

PhD in Physics, "Summa Cum Laude" Université de Paris-Sud/Orsay, France, 1985.
PhD in Electron Optics, "Summa Cum Laude" Université de Reims-Champagne, France, 1974
M.S. in Electron Optics, "Summa Cum Laude" Université de Reims-Champagne, France, 1971

Research:

since 1975: **Commissariat à l'Énergie Atomique**, Saclay, France

July 2008: **Visiting Professor, University of Genoa, Italy**
1985 - 1996: **Synchrotron Radiation Center (SRC)**, University of Wisconsin-Madison, Group Leader and PI of the NIU Synchrotron Research Team
1981 - 1996: Synchrotron **LURE** (user), Université de Paris-Sud, Orsay, France
Spring 1996: **Advanced Light Source (ALS), Lawrence Berkeley National Laboratory**, University of California-Berkeley, Berkeley, California, U.S.A. (user).
95,97,98,99 : **Synchrotron Radiation Research Center (SRRC)**, Hsinchu, Taiwan (user).
since 1999: **ELETTRA - Sincrotrone Trieste**, Italy (user).
Nov. 1985: Visiting Scientist, **IBM Thomas J. Watson Research Center**, Yorktown Heights
Oct. 1986: Visiting Scientist, **IBM Almaden Research Center**, San Jose, California
Spring 1987: Visiting Scientist, Stanford Electronics Labs and SSRL, **Stanford University**
Aug. 1989: Visiting Scientist, **Xerox Webster Research Center**, Rochester, New York
1971 - 1974: **Université de Reims-Champagne-Ardenne**, Reims, France
1970 - 1971: Laboratoire de Physique Théorique, **Collège de France**, Paris, France

Research Interests: Physics, Chemical Physics, Nanoscience, Nanotechnology, Surfaces, Interfaces and Nano-Objects, Semiconductors, Metals, Self-Organized Mechanisms, Catalysis, Electronic, Structural and Optical Properties, Near-Field Probes and Synchrotron Radiation Experimental Techniques

Public and Professional Services:

- **President of STAR** (Science, Technologie Avancée et Recherche) non-profit organization
- **Member of the Editorial Board** of *Journal of Physics D: Applied Physics*, *Surface Review and Letters*, *e-Journal of Surface Science and Nanotechnology* and *Armenian Journal of Physics*
- **Chair** of several **International Conferences** and **Summer Schools**

Collaboration with Industries:

Agere Systems/Lucent Technologies-Bell Labs), Cray Research, Dow Corning, E.I. du Pont de Nemours, IBM, LETI, Motorola, Materials Design Inc., NovaSiC, Philips, Thales, Xerox

- **2007 Laureate** of the « **Semiconductor Surfaces, Interfaces and Nanostructures Prize** » (SSIN 2007) for “*His Pioneering and Seminal Contributions to the Field, and Particularly his Work Exploring Silicon Carbide*”

• **Author or Inventor: 253 Refereed Publications, 89 Invited Conferences and Plenary Lectures, 173 Invited Seminars and Colloquiums, 19 Patents**