



**Dr Georges ZISSIS, Professor,  
Director of the Research Group Light & Matter (Laboratory of Plasma and Conversion  
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Georges Zissis, born in Athens in 1964, is graduated in 1986 from Physics dept of University of Crete (Greece) in general physics. He got his MSc and PhD in Plasma Science in 1987 and 1990 from Toulouse 3 University (France). Today, he is full professor in the Electrical Engineering Dept of Toulouse 3 University.

He is director of "Light & Matter" (Lumière & Matière) research group of LAPLACE that enrolls 20 researchers. For the period 2007-2010 he was deputy director of "LAPLACE", a joint laboratory between Toulouse 3 University, National Polytechnic Institute of Toulouse and CNRS (French National Council of Research).

He is working the domain of Light Sources Science and Technology. He is especially interested by physics of electrical discharges used as light sources; system and metrology issues for solid-state lighting systems; normalization and quality issues for light sources; impact of lighting to energy, environment, quality of life, health and security; interaction between light source and associated power supply; illumination and lighting.

He acted as Chairman of the European Union COST-529 "efficient lighting for the 21st century" network, which regrouped more than 80 academic and industrial institutions from 20 European countries; Chairman of the Lighting and Displays technical committee (LDC) of IEEE-IAS; President of the Regional Branch of the French Illuminating Society (AFE) and National Secretary of the same organism.

He is French Government Representative to the International Energy Agency 4E-Solid State Lighting Annex and he is member of the expert panel for the United Nations (UN-EP) en.Lighten program.

In 2009 he acted as chief expert for setting-up the Energy Efficient Lighting Program of the Russian Federation under United Nations Development Program (UN-DP/GEF)

He act as expert for French national and international organisms:

- Member of the evaluator's panel for French National Programs: PREBAT, 2007-08
- Expert for HabSol and Energie Programs of ANR (2007-...)
- Project Reviewer for Research Grants Council (Hong Kong), 2006, 2007, 2008
- Project Reviewer for Science and Technology Centre (Ukraine), 1998, 2000 and 2002
- Project Reviewer for International Science Foundation (USA), 1994
- Project Reviewer for International Science and Technology Center (Russia), 2002
- Expert for ANVAR (Agence National de VALorisation de la Recherche, France), 1995

He was member of the French National Council of Universities for Electrical Engineering. In 2010, he has been named by AERES (the national agency of scientific evaluation) as Committee member for the Evaluation of CEA-LETI laboratory (1200 staff members).

He was member of the CEN/BT ad hoc Group F Innovation and he is involved in standardization procedures via AFNOR a panel member for the Photocatalysis group.

He was member of the Work Group "Photobiological Safety of LEDs" under ANSES French security agency.

Prof Zissis won in December 2006 the 1<sup>st</sup> Award of the International Electrotechnical Committee (IEC) Centenary Challenge for his work on normalization for urban lighting systems. In 2009 he won the International Energy Globe Award for France and also the Fresnel medal from the French Lighting Engineering Society.

He published: 1 book, 12 chapters in books, 72 papers in WoS referenced journals 21 Invited conferences; and 200 communications to national and international events.