

Lucian Pintilie, PhD, Scientific Director, age 58
address: National Institute of Materials Physics, Atomistilor 105b, 077125
Magurele-Ilfov, Romania

Education: **1984** MSc University of Bucharest, Faculty of Physics, Applied Physics, Semiconductor Materials; **1995** PhD Institute of Atomic Physics, Bucharest, Romania; ceramic materials for pyroelectric detection of IR.

Carreer path: **1984-1987:** physicist, Giurgiu Chemical Plant; **1987-present**, researcher at the National Institute of Materials Physics (NIMP), Magurele, Romania; **1997-2004**, head of Laboratory (Semiconductor Physics and Complex Heterostructures); **2001-2003**, 14 months visiting scientist at the Institute for Crystal Growth, Berlin, Germany; **2003-2007**, visiting researcher at the Max Planck Institute, Halle, Germany; **2008-2013**, General Director of NIMP; **2013-2016** Head of Multifunctional Materials and Structures Laboratory at NIMP; **2016-present** Scientific Director of NIMP.

Professional experience: ferroelectric ceramics and thin films, electrical characterization; artificial multiferroics; photoelectric and photovoltaic properties in thin films and complex heterostructures; structures for field effect devices; materials for UV and IR detection.

Fellowships and awards: **2000**-Excellence Award in Research, National Agency for Research and Technology, Romania; **2002-2003:** one year NATO fellow at Department of Physics, University Do Minho, Braga Portugal; **2009**-Romanian Academy award for Physics-Dragomir Hurmuzescu

Commission of trust: **2008-present:** Scientific Council member, National Institute of Materials Physics, Magurele, Romania; **2010-2012:** member of the National Council for Scientific Research (position of vice-president)-consultative body of the National Authority for Scientific Research and Innovation, Romania **2010-present:** member of the executive board of the Association of Employers from Research Organizations, Romania, **2009, 2012, 2014:** Guest Editor; Thin Solid Films, Elsevier, the Netherlands; **2010:** Reviewer; Office of Basic Energy Sciences, Department of Energy, USA; **2011-2015:** Reviewer, Faculty of Engineering and Natural Sciences, Sabanci University, Istanbul, Turkey; **2013-2014:** Scientific evaluation, national exercise to evaluate National Institutes in Romania; supervisor appointed by the Consultative Body for Research, Development and Innovation, Romania; **2015:** appointed as Romania representative in the Scientific Council of the program ERA-NET RUS-PLUS, DLR, Bonn, Germany; **2015:** Reviewer: Eurotalents Program, CEA, France; **2015:** Reviewer; Executive Unit for Funding High Education, Research, Development and Innovation (UEFISCDI)

Organization of Scientific events: 1. Chairman; **Electroceramics XIV**, Bucharest, Romania, 16-20 June 2014, about 300 participants (see <http://www.electroceramics14.com/>); 2. Co-chair, Section organizer; **8th International Conference on Advanced Materials, ROCAM 2015**, Bucharest, Romania, 7-10 July 2015, 150 expected participants (<http://rocam.unibuc.ro/>); 3. Section organizer; **7th International Conference on Advanced Materials, ROCAM 2012**, Brasov, Romania, 28-31 August, 2012, around 200 participants (<http://rocam.unibuc.ro/rocam2012/index1.html>); 4. Section organizer; **6th International Conference on Advanced Materials, ROCAM 2009**, Brasov, Romania, 25-28 August, 2009 (see <http://rocam.unibuc.ro/rocam2009/>).

Membership: **1995-present:** member of the Romanian Society of Crystal Growth-Materials Science, affiliated to International Organisation of Crystal Growth; **2010-present:** member of the Romanian Society of Physics and of the European Society of Physics.

Project management: director, co-director or responsible of 16 international and national project, about 20 millions euro.

Overview of publicatons: over 200 publishe articles, over 2700 citations (self citations excluded), h = 30 (on Web of Science); h=36 (on Google Scholar).