Curriculum Vitae

Dr. Christos Volos Associate Professor

Laboratory of Nonlinear - Circuits & Complexity (LANSCOM)

Department of Physics

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Personal Data

Marital Status Married Date of Birth 20-09-1975 Place of Birth Athens, Greece Nationality Greek

Summary of Scientific - Academic Activities

Teaching experience in Academia (under- and postgraduate) for 16 years, 5 PhD supervision in a Thesis related with chaotic dynamics.

Researcher in 4Greek-national and International research projects.

- 183 papers in peer-reviewed journals, 101 papers in peer-reviewed international conferences, 20 papers in proceeding of national conferences, 55 book chapters, 10 edited books, 2 book (as a co-author)
- Citationindex>3500, h-index = 34
- 27 iournal Special Issues (Guest Editor)
- Member of the Editorial Board in 11 Journals
- Member of the Physics Editorial Advisory Board of INTECH
- Reviewer in more than 100 journals
- Scientific Committee-Revieweror Member of International Program Committee in 32 International Conferences
- Chair of the 2022 Conference in Nonlinear Science and Complexity

Education

Ph.D. in Chaotic Electronics, Physics Department, Aristotle University of Thessaloniki (2008) Thesis title: "Study of the Dynamical Behavior of Coupled Non-linear Oscillators"

M.Sc. in Electronics, Physics Department, Aristotle University of Thessaloniki (2002) Thesis title: "Study of Piece-wise Linear Circuits"

B.Sc. in Physics, Physics Department, Aristotle University of Thessaloniki (1999)

Research Interests

The research interests of Dr. Volos are mainly but not exhaustively in area of applied complexity in systems as well as in chaotic electronics and their applications. Research regarding nonlinear dynamical systems with hidden attractors is of great interest. He has collaborations with several laboratories (PolitechnikaŁódzka-Poland, University of Catania, University of Aberdeen-UK, University of Wisconsin-USA, St. Petersburg State University-Russia, China University of Geosciences, City University of Hong Kong, Instituto Nacional de Astrofísica, Óptica y Electrónica-Mexico, Benemérita Universidad Autónoma de Puebla-Mexico, Sakarya University-Turkey, Cairo University-Egypt, Vel Tech University-India, Amirkabir University of Technology-Iran). Dr. Volos has been invited to give lectures in the areas of his expertise i.e. nonlinear systems and circuits.

Positions

2004 - 2005 : Adjunct Lecturer in the Informatics Department, A.T.E.I., Serres, Greece Adjunct Lecturer in the Electronics Department, A.T.E.I., Thessaloniki, Greece 2004 - 2010 : Laboratory Teaching Staff of Electronics in the Hellenic Military Academy, Vari, Greece 2010 - 2014 : Lecturer at the Physics Department, Aristotle University of Thessaloniki, Greece 2014 - 2017 : 2017 - 2020 : Assistant Professor at the Physics Department, Aristotle University of Thessaloniki, Greece

2020 - Today: Associate Professor at the Physics Department, Aristotle University of Thessaloniki, Greece

Research Projects

- 1. Pythagoras II Project, No 80831, "Computational Algorithms of Great Algorithms in Chaotic Systems" Period: From 1/10/2005 to 14/10/2006
- 2. Project funded by the Technological Educational Institute of Thessaloniki, "Study and Realization of Nonlinear Circuits for Use in Chaotic Cryptographic Systems"
 - Period: From 1/5/2009 to 30/4/2010
- 3. CORINTHOS Project, No 2588, "Maritime Clusters which Support Research and Innovation for Enforcing Blue Economy and Business Dexterity"
 - Period: From 15/08/2014 to 30/06/2015
- 4. EVERCOAST Project, No 2590, "Renewable Power Sources In Maritime Activities in Coasts of Adriatic and Ioanian Sea", Period: From 15/08/2014 to 30/06/2015.
- 5. Project, No71775, "Smart Refrigerators using IoT technologies", of European Regional Development Fund Period: From 10/07/2022 to 31/12/2022