



Nikolaos G. Bardis (Nikos)

Professor

Mathematics and Engineering Science Sector

Hellenic Army Academy

Evelpidon Avenue, 166 72, Vari

Phone: +302108904215

Email: nbardis@sse.gr

Research field: Informatics in Military Applications

<https://orcid.org/0000-0002-2259-7077>

<http://www.researcherid.com/rid/G-9532-2013>

<https://www.researchgate.net/profile/Nikolaos-Bardis>

<https://scholar.google.com/citations?hl=en&user=kG13ddoAAAAJ>

Courses:

1. "INFORMATION WAR - INFORMATION SECURITY SYSTEM - DATABASE MANAGEMENT" 7th semester of HAA undergraduate curriculum
1. " CYBER WARFARE - ELECTRONIC WAR" (Security Information Systems - Analysis and Assessment of Vulnerabilities and Threats - Attacks and Defense), 7th semester of HAA undergraduate curriculum
2. " CYBER WARFARE - ELECTRONIC WAR" (Cryptography & Cryptanalysis, Security C4ISR Systems), 8th semester of HAA undergraduate curriculum
3. "CRYPTOGRAPHY AND INFORMATION SECURITY SYSTEMS" special course of the Department of Mathematics - University of Athens postgraduate curriculum
4. "CRYPTOGRAPHY AND SECURITY" special course in the INSTITUTIONAL POSTGRADUATE PROGRAM - "Business Research and Decision Making" of HAA and Polytechnic of Crete
5. "INFORMATION THEORY AND CODING" A semester of the MSc "Cryptography, Security and Information Systems - Master of Cryptography, Security and Information Systems)" of HAA postgraduate curriculum
6. "PRINCIPLES OF CRYPTOGRAPHY" B semester of the postgraduate curriculum "Cryptography, Security and Information Systems - Master of Cryptography, Security and Information Systems)" of HAA

Nikolaos Bardis received the diploma of Computer Engineering and the PhD degree from National Technical University of Ukraine (Polytechnic Institute of Kiev) in 1995 and 1999 respectively. His dissertation was entitled "*Development of an approach and applications of Boolean Functions tools to analysis and synthesis of effective Cryptographic algorithms of Information Security Systems*". His degrees have been recognized as equivalent and corresponding to the degrees of the University of Patras - Department of Computer Engineering and Informatics.

Has collaborated with the Ministry of Defence at the General Directorate of Defense Industry Research and Technology, Technical Chamber of Greece, NCSR DEMOKRITOS, where dealt with issues of Cybersecurity, cryptography / cryptanalysis, information security and crisis management. He served as Special Adviser at the Ministry of Interior, Public Administration and Decentralization, at Hellenic Parliament and at the Ministry of Health and the Ministry of Labor, Social Security and Welfare at the General Secretariat for Welfare, on issues of Information systems, e-Government, e-Services and applications in Social Welfare and Health and Infrastructure and Information Security.

From 2001 until today he has taught undergraduate and postgraduate courses at the Hellenic Army Academy, Hellenic Naval Academy, Air Force Academy, Department of Informatics / Technological Institution of Athens, Department of Automation / Technological Institution of Chalkida, and at the Department of Mathematics – University of Athens.

From 2001 until today he is an adjunct researcher at the Institute of Informatics and Telecommunications / Net Media LAB/ NCSR "Democritus", at the Laboratory of Information Technologies (LIT) / Department of Archives - Librarianship of the Ionian University and in the Laboratory of Nonlinear Systems - Circuits & Complexity (LaNSCom) of the Department of Physics of the Aristotle University of Thessaloniki.

From 2020 until today he has been elected a full Professor of Informatics on Military Applications and from 2011 he was elected a Associate Professor of Informatics on Military Applications at the Hellenic Army Academy. During 2011 - 2016 he has been Director of the Informatics Laboratory and during the years 2016-2018 he serves as Director of the Mathematics and Engineering Sciences Sector.

His scientific work includes more than 100 scientific papers in prestigious scientific journals, books and scientific conferences as well as he owns 2 patents. In addition, he has supervised more than 50 undergraduate and postgraduate theses at the HAA and the Department of Mathematics of University of Athens.

He is a reviewer in 9 scientific journals: IEEE Systems Journal, IEEE Transaction on Computers, China Communications Journal, International Journal on Information Technologies and Security, WSEAS Transactions on Computer Research, WSEAS Transactions on Systems and Control, WSEAS Transactions on Mathematics, WSEAS Transactions on Computer Research Scientific and Technical Journal, Electrotechnic and Computer Systems. He has participated in more than 50 conferences as chairman, Plenary and Keynote Lecture, member of scientific committees and organizing committees and as a chairman of workshops and seminars.

He is a member of the Technical Chamber of Greece (TEE), member of the Institute of Electrical and Electronic Engineering (IEEE), Technical Program Committee (TPC) of the IEEE Communication Society (COMSOC) and IEEE Communications & Information Security, Technical Committee (CISTC) of the last 20 years, IEEE Computer Society Technical Committee on Computer Communications (TCCC), Technical Council on Software Engineering (TCSE) of the IEEE Computer Society and IEEE Information Theory Society.

His scientific interests and research activities are focused on the areas: Information Theory and Coding, Cryptography, Cyber Warfare & Cybersecurity, Information & Systems Security - Critical Infrastructure and Installations, Information Systems, C4ISR Systems, Artificial Intelligence and Fuzzy Control, Crisis Management Systems, Early Warning System, Decision Support Systems, Measurements of Electricity Consumption and Power, Scattering of Electromagnetic Waves.