The Economic Informatics Department

of the Academy of Economic Studies Bucharest

nominees for

Grigore C. Moisil *award*

2013

awarded by
the Association for Promoting Education in Economic Informatics – INFOREC –
and the *Informatica Economică* Journal,
for contributing to the economical informatics development in Romania, to:

Prof. Victor-Valeriu PATRICIU

For the following achievements:
- developing the higher education field of security informatics in Romania;
- having major contributions in theoretical informatics development to national level: Information Assurance, Operating systems, Compiler Construction, Computer Networks, Cryptography, Computer & Network Security, Electronic Signatures and PKI, E-payment Security;
- being a scientific personality through his many published works in main computer science journals;
- his major contributions to the development of economic informatics specialization from Informatics Security Master at Cybernetics, Statistics and Economic Informatics faculty;
- his decisive contribution to the development of Security Informatics area;
- his contribution in research on Cryptographic mechanisms, services and protocols, Electronic Signature, PKI infrastructures and bridge technologies, Smart-card applications, Electronic payment systems, Security of network protocols, E-mail and document security.

The Grigore C. Moisil honor has also been awarded to:
- Valer ROȘCA, PhD, professor at Lucian Blaga University of Sibiu (2012)
- Ioan ANDONE, PhD, professor at Alexandru Ioan Cuza University of Iasi (2011)
- Nicolae TOMAI, PhD, professor at University Babeș-Bolyai of Cluj-Napoca (2010)
- Acad. Gheorghe PĂUN, Romanian Academy (2008)
- Silviu HOTĂRAN, Microsoft România, General Manager (2007)
- Dumitru OPREA, PhD, professor at Alexandru Ioan Cuza University of Iași (2006)
- Dumitru TODOROI, PhD, professor at Academy of Economic Studies of Chișinău, Republic of Moldova (2005)

- Ştefan NIŢCHI, PhD, professor at University Babeş-Bolyai of Cluj-Napoca (2004)
- Doina BANCIU, PhD, professor at University of Bucharest (2003)
- Prof. Ioan DUMITRACHE, PhD, Rector of Politehnica University of Bucharest (2002)
- Prof. Dan-Mihai RACOVIŢAN, PhD, Dean of Economic Science Faculty, University Babeş-Bolyai of Cluj-Napoca (2001)
- Prof. Dragoş-Alexandru VAIDA, The first Pro-Dean of Economic Calculation and Economic Cybernetics Faculty, Academy of Economic Studies of Bucharest (2000)
- Prof. Florin-Gheorghe FILIP, PhD, Vice-president of The Romanian Academy (1999)
- Prof. Paul BRAN, PhD, Rector of the Bucharest Academy of Economic Studies (1998).

Mr. Victor-Valeriu PATRICIU was born on 25 June 1951, in Timisoara district, Timis County. An alumni of the Politehnica University of Timisoara, Computer Engineering Department, class of 1975. Mr. Victor-Valeriu PATRICIU obtained his Magna cum laude PhD in 1993 at Politehnica University of Bucharest, Computer Engineering Department, thesis: "Security of Distributed Systems and Computer Networks; A Software Toolkit for Generating Cryptographic Services for Networks and Distributed Systems".

Mr. Victor-Valeriu PATRICIU started his university career in 1979 in the Computer Engineering Department from Military Technical Academy, first as teaching assistant between 1979 and 1985 then as associate professor from 1985 to 1995. Since 1997 to current he works as professor at the same university.

Mr. Victor-Valeriu PATRICIU was a PhD adviser from 1997 in Military Technical Academy Doctoral School of Electronic, Informatics and Communication Systems for Defense and Security, in Computer Science & Information Technology domain. He is official doctoral supervisor (Ph.D.) students in Computer Science & Engineering.

Professor Victor-Valeriu PATRICIU in visiting/associate professor at Politehnica University, Bucharest, Academy of Economic Studies Bucharest, BRIE- Bulgarian-Romanian Inter-University Center of Europe, Titu Maiorescu University, ENSIETA Brest, France, Institute National Polytechnique, Toulouse France.

Mr. Victor-Valeriu PATRICIU developed an excellent scientific cooperation with Romanian Military Resource Management Center, Brasov, and Institute for Advanced Technologies, Bucharest. He has published 15 books and courses, 70 papers in the last 10 years on the security informatics area.

Mr. Victor-Valeriu PATRICIU has significant scientific contributions in computer science area, especially in security informatics. He has published his research results and collaborators in these books and studies Mini And Microcomputers Operating Systems – 1992, Cryptography And Network Security With Applications In C And Pascal- 1994, Data Security In Unix And Internet – 1998, Internet And The Law – 1999, Electronic Commerce Security – 2001, Securite Informatique Et E-Business (Data Security And E-Business), Course Tutorial, Ecole Nationale d'Ingenieurs de Technique d'Armement Brest, France, 2002, Cryptographie Et Securite Informatique (Cryptography And Data Security), Course Tutorial, Institut National Politechnique de Toulouse, France, 2002, Securite Du Contenue Multimedia (Multimedia Content Security), Course Tutorial, Institut National Politechnique de Toulouse, France, 2007, Electronic Signatures And Data Security – Cryptographic, Technical, Legal And Standardization Issues (in cooperation with Ene-Pietroşanu Monica, Bica Ion, Priescu Iustin) – 2006, Internet E-Mail Security (in cooperation with Iustin PRIESCU, Sebastian NICOLAESCU) -2007, Informatic Systems Theory (in cooperation with Titi PARASCHIV) – 2009, INFORMATION SECURITY HANDBOOK (in cooperation with

Ion IVAN, Cristian TOMA, Victor-Valeriu PATRICIU, Ion BICA, Adrian ATANASIU, Valentin CRISTEA, Ion SMEUREANU, Marius POPA) - 2009, Cryptographic Methods For Structured Systems (in cooperation with prof. Liviu Miclea and dr. Stelian Flonta, Technical University of Cluj) – 2011.

He was / is a member ACM (Association for Computing Machinery), USA -member of the Romanian Board, IFIP/WG11.8 Committee on Information Security Education and Training- member, AFCEA – member of the Romanian Board , New York Academy of Science- member, George Marshall Center for Security Studies- member of PfP Consortium Working Group "Impact of Information Technologies on National Security", NATO Research and Technology Organization, Information Systems Technology Working Group member representing Romania, Information security consultant for Romanian Ministry of Information Technologies, and for Romanian and international companies and Head of the National Commission for Standardization in Information Security.

Professor Victor-Valeriu PATRICIU has remarkable contributions in the fields of Information Security developing, deploying and auditing, electronic signatures and PKI, Biometrics, Cyber defense, Ad-hoc networks, IDS, honeypots systems, cloud security, etc.

He is a person with a highest professional level, he developed scientific research teams in the field of applied security informatics in economy, and he is a very rigorous and exigent person. The academic community from computer science area appreciates very much his professional qualities and entire activity.

For all these remarkable results, the selection committee decided that the 2013 Grigore C. Moisil award goes to Professor Victor-Valeriu PATRICIU.