PERSONAL DATA

Name:	Florin - Gheorghe FILIP
Born:	25.07.1947, Bucharest, Romania
Education:	Tech. Univ. Bucharest, Dept. Control Engng. and Comp. Sci, M. Sc (1970), Ph. D (1982)
Scientific Titles:	Ph. D (1982) Member of the Romanian Academy (since 1991)
Organisation:	Romanian Academy (www.academiaromana.ro)
Current position:	Head of the "Information Science and Technology" Section (http://valhalla.racai.ro/sti/info.htm) of the Romanian Academy
Previous positions:	Vice-president of the Romanian Academy (March 2000-April 2010), Managing director of National Institute for R&D in Informatics - ICI (www.ici.ro 1991-1997) President of Scientific Council of ICI (1995-2003) Head of research laboratory in ICI (1985-1991)
Professional Address:	**Romanian Academy**, 125, Calea Victoriei, 71102 BUCHAREST-1, Romania, *E-mail*: ffilip@acad.ro
Expertise Sectors:	Large-scale complex systems Decision Support Systems-DSS, Integration in Manufacturing, Information Society, IT applications in libraries and cultural institutions. Technologies management, Foresight in science and technology

Scientific activity: He authored/coauthored over 250 papers published in international journals (IFAC J Automatica, IFAC J Control Engineering Practice, Annual Reviews in Control, Computers in Industry, System Analysis Modeling Simulation, Large Scale Systems etc) and contributed volumes printed by international publishing houses (Pergamon Press, Springer, Kluwer, Chapmann & Hall etc).

He is the author/coauthor of nine monographs (published by Ed. Tehnică, Bucharest, Hermes-Lavoisier, Paris, J. Wiley , Londpn) and editor/coeditor of 23 volumes (published by Pergamon Press, Elsevier, American Institute of Physics, IEEE Computer Society, Ed Academiei, Ed. Expert). He was an IPC member of more then 50 international conferences held in Europe, USA, South America, Asia and Africa. And gave plenary papers at scientific conferences held in Chile, China, France, Poland, Portugal, Rep. of Moldova, Spain, Tunisia, UK)

Teaching:
- Full Professor at "Valahia" University of Targoviste (since 1997).
- Adjunct Professor , School om Management , University of Chinese Academy of Sciences,(2013-2016)
- Associate Professor at "Politehnica" University of Bucharest supervising PH D studies (since 1993).
- He was an invited professor and gave invited conferences and seminars in universities and R&D organizations in Austria, Brazil, Chile, China, England, France, Germany, Kuweit, Republic of Moldova, Poland, and Sweden.

Other information:
- Coordinator of the National R & D Programe in IT (1993 - 1994)
- Member of the national "Advisory Council for Science and Technology" (1993-2010), and the Secretary General of the council (1998-2010).
- Evaluator for EC-PECO (1992), COPERNICUS (1996), FP5 (2001), IST (since 2000).
- Member of the Evaluation Commitee for "European Prizes in IT" - "IST Prize" (1997-2007).
- Founder and Editor-in-chief of the international journals "Studies in Informatics and Control - SIC" (since 1991; http://sic.ici.ro) and "International Journal of Computers, Communications, and Control –IJCCC" (sice 2006; http://journal.univagora.ro/) , both ISI covered.
- Executive. President of the Romanian Forum for the Information Society (since 1997).
- National representative in EC FP5 IST TC (1999-2001)
- Associate member in NATO TC "Computer networking" (2000, 2001).

- President of IFAC TC 5.4 SML - Large Scale Systems (2002-2008)
- Member of three IFAC technical committees: TC 4.5 (HMS), TC 5.2 (MMC) and TC5.4 (LSS)
- Member of IFIP WG 5.12 (Enterprise Integration).
- Member of the EU ISTAG - Information Society Technologies Advisory Group (2001).
- Member of the honorary committee of PITCH (the Association 'For the Promotion of International Technological Co-operation for Humanistic Ends"

    (http://www.pitchworld.org/pitch+honorary-committee.htm).

Languages: English, French, Russian (W, R, S - fluent) German, Swedish, Italian, Spanish (W, R, S - some).

Honnours:
- Honorarius Magister of the University "Dunarea de Jos" Galati (December, 2003).
- Recipient of the prize "COPY RO" for the best Romanian book in IT of the year 2002 for his book "Computer Aided Decision Making".
- Doctor Honoris Causa from:
    - "Lucian Blaga" University of Sibiu (November 2000)
    - "Valahia" University, Targoviste (2007)
    - "Ovidius" University, Constanta (2007)
    - Ecolle Centrale de Lille (France) (2007)
    - Technical University "Traian Vuia", Timisoara (since 2009)
    - Agora University , Oradea (2012)
    - Academy of Economic Studies, Bucharest (2014)
- Recipient of the Romanian National Order "For Faithfull Services [to the Country] " at rank of "Great Cross" (November, 2000).
- Recipient of the Grigore Moisil Prize and Medal "Man of the year 1999" from the "Association for Economic Informatics - INFOREC".
- Honorary member of the Academy of Sciences of Republic of Moldova (http://www.asm.md/)
- Honorary member of the Academy of Technical Sciences of Romania (since 2007)
- Founding member of the " International; Academy for IT and Quantitative Management - IAITQM" (since 2012; http://www.iaitqm.org/)
- Recipient of the " W. Scott Award for IT " from IAITQM (

2013)

- Medal "Marin Drimov" awarded by the Bulgarian Academy of Sciences (2007).

SELECTED PAPERS

P. Borne, D. Popescu ,, **F.G. Filip** , D. Stefanoiu (2013).
P. Borne, D. Popescu , **F.G. Filip,** D. Stefanoiu (2012)

Optimization in Engineering Sciences ; Exact methods. iSTE & J. Wiley, London,, ISBN 9781848214323
Optimisation en sciences de l'ingenieur.Hermes-Lavoisier, Paris, ISBN 978-2-77462-3897-8

Filip. F.G. (2008)

Decision support and control for large-scale complex systems. Annual Reviews in Control, 32(1), p. 61-70.

Nof S.Y., G. Morel, L. Monostori, A. Molina, and **Filip. F**. (2006)

From plant and logistics control to multi-enterprise collaboration. Annual Reviews in Control, (Elsevier) Volume 30, Issue 1, 55-68.

Filip. F.G. (2004)

Decision Suport Systems (Sisteme suport pentru decizii). Technical Publishers, Bucharest, XXI+ 337 pags, ISBN 973-31-2232-7 (in Romanian) (2nd edition in 2007).

Filip, F.G. (2002)

Computer Aided Decision-Making: Decisions, Decision Makers and Basic Methods and Tools. Technical Publishers & Expert Publishers, Bucharest, 344 pags. ISBN 973-31-2105-3 (in Romanian) (2nd edition in 2005) "Award by Copy.Ro for the best book in IT in 2002".

Filip F.G., Dumitrache I., Iliescu S.S. (Eds) (2002)

Large Scale Systems: Theory and Applications 2001 (LSS'01). Elsevier Science Ltd. (Pergamon), Oxford, (ISBN: 0—08-043691 9) 588 p.

Filip F.G. (Editor) (2001)

Information Society-Knowledge Society, Expert Publishers, Bucharest, 540 pgs., (in Romanian).

Filip F.G., Boldur B. (1999)

Industrial Informatics - New Paradigms and Applications, Technical Publishers, Bucharest, 440 pgs., (in Romanian).

Filip F.G. (1998)

Optimization models with sparse matrices and relatively constant parameters. **Systems Analysis Modelling and Simulation, 33**, 407-430.

Filip F.G., Alexandru A. and Socol I. (1997)

Technology management and international cooperation: several success stories. **J. Human**

	Systems Management, 16, 223-229.
Filip F.G., Neagu G. and Donciulescu D. (1996)	DSS for Manufacturing: from technology to decision making. In **Proceedings 14th IFAC World Congress**, San Francisco Vol B, p.367-372.
Filip F.G. (1995)	IT culture dissemination in Romania: experiments and achievements. In A. Inzelt and R. Coenen (Eds.) **Knowledgy Technology Transfer and Forecasting**, Kluwer Academic, Dordrecht, 149 - 160.
Filip F.G. (1995)	Towards more humanized DSS. In L.M. Camarinha Matos and H. Afsarmanesh (Eds.) **Balanced Automation Systems: Architectures and Design Methods**. Chapman & Hall, London, p. 230 - 240.
Filip F.G. (1994)	Evolutions in systems analysis, modelling and simulation in Computer based industrial automation. **Systems Analysis, Modelling and Simulation**, 15, 135 - 149.
Filip F.G. (1993)	An object - oriented multilayer model for scheduling. In A. Verbraeck, and E.J.H. Kerckhoffs (Eds.). **Proceedings, European Simulation Symposium** p. 173-180.
Filip F.G. and Neagu G. (1993)	CIM in continuous and discrete manufacturing: object-oriented generic modeling. **IFAC J. Control Eng. Practice**, **1**(5), p 815 - 825.
Filip F.G. (1992)	System analysis and expert systems techniques for operative decision making. In A. Sydow (Ed.) **Computational Systems Analysis: Topics and Trends**, ELSEVIER, Amsterdam, p. 285 - 304.
Filip F.G., Donciulescu D. and Socol I. (1990)	Mixed knowledge-based control of large-scale industrial systems. In **Preprints, 11th IFAC World Congress**, Tallin, vol. 2 p. 68 - 79.
Filip F.G. (1988)	Operative decision-making in the process industry. In **Preprints, 12th IMACS World Congress**, Paris, vol.4, p. 523 - 525.
Guran M. and **Filip F.G.** (1986)	**Hierarchical Real-Time Systems**. Technical Publishers, Bucharest, 300p. (in Romanian).
Filip F.G. and Donciulescu D.A. (1983)	On on-line direct dynamic coordination method in process industry. **IFAC J. Automatica**, **19**(1), p. 317 - 320.
Filip F.G., Neagu G. and Donciulescu D.	Jobshop scheduling optimisation in real ime

(1983). production control. **Computers in Industry**, 4(4) (North Holland), p. 395 - 403.

Filip F.G., Donciulescu D., Muratcea M., Oraseanu L. and Predoiu D. (1980). Hierarchical control of large scale chemical and metallurgical systems. In A. Titli and M. G. Singh (Eds.). **Large Scale Systems: Theory and Application**. Pergamon Press, Oxford, p. 563 - 575.

***

"*To whom it may concern*

... Dr. Filip has shown himself to be a very innovative and productive researcher whose papers are equivalent in quality and cutting-edge findings to those from the best research organzations of the world. Wittness his publications in Automatica, Computers in industry and other leading journals in the field. The establishment of Dr. Filip's stature as an internationally recognized researcher in his field and the acceptance of his work is shown by the large number of international conferences where he has served as session chairman and/or program committee member and many invited seminars he has presented in other countries ..."

Prof. Theodore J. Williams,

Professor of Engineering and Director , Purdue Lab. for Applied Industrial Control, Purdue University;

Past President of Instrument Society of America;

Past President of the American Federation of Information Processing Societies;

Chairman of IFAC/IFIP Task Force on "Architecture for Enterprise Integration"

(August 1994)

***