

Alexandre Dolgui, PhD, DrHabil

Full Professor of Exceptional Class
Deputy Director for Research of Institute Henri
Fayol / Director of Laboratory for Information
Science and Technology

Born in Borisov, Belarus
Citizenship: French



50 years old

Ecole Nationale Supérieure des Mines de Saint-Etienne
158, cours Fauriel, 42023 SAINT-ETIENNE cedex 2, France
Ph: +33 (0) 4 77 42 01 66
Fax: +33 (0) 4 77 42 66 66
E-mail: dolgui@emse.fr
URL: www.emse.fr/~dolgui

Areas of scientific interests:

- Optimal Design of Production and Assembly Lines
- Inventory Control and Supply Chain Optimization
- Planning and Scheduling
- Computer-Aided Process Planning Solutions
- Discrete Optimization Methods
- Discrete-Event Simulation

Member of the Board of the **International Foundation for Production Research (IFPR)**

<http://www.ifpr-icpr.net/>

IJPR is an official journal of the IFPR

Chair of IFAC *Technical Committee* "Manufacturing Modelling for Management and Control"; Member of IFAC Technical Committee "Manufacturing Plant Control", chair of working group "Design and control of reconfigurable manufacturing systems"

Member of IFIP Working Group 5.8 "Enterprise Interoperability"

Founding member of EVI - "European Virtual Institute on Innovation in Industrial Supply Chains and Logistic Networks"

Member of Society of Collaborative Networks (SoColNet)

EDITORIAL ACTIVITIES

- Associate Editor of Omega–The International Journal of Management Science (Elsevier), since 2009, Impact Factor 3.467
- Area Editor of Computers & Industrial Engineering (Elsevier), since 2009, Impact Factor 1.543
- Associate Editor of Journal Européen des Systèmes Automatisés (Hermès Science), since 2008
- Past AE of IEEE Transactions on Industrial Informatics (IEEE), 2006-2009

Editorial Board Member for 9 other International Journals:

Int. J. of Production Economics (Elsevier),
International Journal of Systems Science (Taylor & Francis),
Int. J. of Manufacturing Technology and Management (InderScience),
Int. J. of Simulation and Process Modelling (InderScience),
Int. J. of Engineering Management and Economics (InderScience),
Journal of Decision Systems (Hermes Science),
Journal of Mathematical Modelling and Algorithms (Springer),
Journal of Operations and Logistics (i4e2),
Management and Production Engineering Review

General Scientific Chair of the 12th IFAC/IFIP/IFORS/IEEE/IMS Symposium Information Control Problems in Manufacturing INCOM'06 with 783 participants (including 243 industrial representatives) from 57 countries: In less as one month more than two thousand review reports were found for more than 600 submitted papers from 731 referees; Oversaw the publication of 17 special issues of major international journals after the symposium. See www.emse.fr/incom06

- Chairman of International Program Committee for the 13th IFAC/IFIP/IFORS Symposium INCOM'09 in Moscow (645 participants) and for INCOM'12 in Bucharest
- Permanent Member of Steering Committee for the International Conference MOSIM
- Chairman of International Program Committee for the International Conference on Industrial Engineering and Systems Management (IESM), Morocco, 2013 and for the International Conferences SCM'02 (Poland) and MOSIM'04 (France)
- Vice-Chairman of Scientific Committee for the International Conference CIGI'2011
- Chairman of Organizing Committee for the 3rd International Conference MOSIM'01
- Member of the Local Organizing Committee of Manufuture 2008
- Technical Associate Editor for 18th IFAC World Congress, 2011 (Milano, Italy)
- Chairman of National Working Group (336 individual members) on Production Systems Design (GDR MACS of French National Center for Scientific Research - CNRS)
- Member of Steering Committee of the regional research cluster GOSPI
- Chairman of the Regional Working Group on Design and Management of Reconfigurable Manufacturing Systems (regional research cluster GOSPI)

Guest Editor of 15 Special Issues for the Journals: *International Journal of Production Research (twice), International Journal of Production Economics, European Journal of Operational Research, Journal of Intelligent Manufacturing (twice), Journal of Decision Systems, Annual Review in Control, Journal of Mathematical Modelling and Algorithms (twice), Journal Europeen des Systèmes Automatisés, etc.*

For example:

- ***Cutting Edge Production Research of the French Community***, International Journal of Production Research, vol. 47, n° 2, 2009, p. 299–304. Guest editor: A. Dolgui.
- ***Feature Issue on Balancing Assembly and Transfer Lines***, European Journal of Operational Research, vol. 168, n° 3, 2006, p. 663–665. Guest editor: A. Dolgui.
- ***Design and Analysis of Production Systems***, International Journal of Production Economics, vol. 120, n° 2, 2009, p. 271–275. Guest editors: R. Askin, A. Dolgui, J.-M. Proth.

Member of Advisory, Scientific or Program Committee for more than 120 International Conferences, more recent conferences: ILS'2012, GSC'2012, CIFA'2012, ICORES 2012, CSIST'2011, CIE 41, IRoA-11, WCECS 2011, PRO-VE'11 (IFIP), RaDMI 2011, PALS'2011, ICPR21 (2011), ICINCO 2011, MSLT'2011 (IEEE), ISAM 2011 (IEEE), IESM'2011, MSLT'2011, MCPL'10 (IFAC), LSS'10 (IFAC), IMS'10 (IFAC), MOSIM'10, ILS'10, ROADEF'2010, ISAM'2009 (IEEE), MEDES'09 (ACM), MSI'09 (IASTED), PRO-VE'09 (IFIP), ETFA'09 (IEEE), APMS 2009 (IFIP), ICONS'09 (IFAC), ICPR-20 (2009) (IFPR), CIE39 (2009), ICINCO'09, CIGI'09, INCOM'09 (IFAC), CIRPMS'09 (CIRP), IESM'09 (i4e2), LT'09 (IEEE), ROADEF'2009, CSTST'08 (IEEE/ACM), WCECS'2008, IMS'08 (IFAC), ETFA'08 (IEEE), PRO-VE'08, ICAM'2008, ILS'08, ICINCO'2008, MOSIM'08, ROADEF'2008, LT'07 (IEEE), WCECS2007, AsiaMS 2007 (IASTED), MCPL'2007 (IFAC), RaDMI'2007, PRO-VE 2007 (IFIP), MITIP'2007, ICPR-19 (2007), ISAM'2007 (IEEE), CIGI'07, IESM'2007 (i4e2), ICINCO'2007 (IFAC), FRANCORO V / ROADEF 2007, MITIP'2006, ICINCO'2006 (IFAC), ICAM'2006, INCOM'06 (IFAC), ILS'06, MOSIM'06, ROADEF'2006, ICINCO'2005 (IFAC), ICAM'2005 (ISAM), ISATP'05 (IEEE), CIGI'05 (IEEE), IESM'05 (i4e2), MCPL'04 (IFAC/IEEE), WODES'04 (IFAC), MOSIM'04, DOM'04, CONTROLO'2004, INCOM'04 (IFAC), IAD'03 (IFAC), ETFA'03 (IEEE), ISATP'03 (IAEEE), CIGI'03, MOSIM'03,

Editor of 6 International Conference Proceedings: NITE'96, MOSIM'01, SCM'02, MOSIM'04, INCOM'2006, and INCOM'2009

Referee for Journals:

Regularly: IJPR, IJPE, EJOR, C&OR, C&IE, JIM, IJSS, IEEE T-II, JESA, JDS

Sometimes: IIE Transactions, PPC, DAM, J. of Scheduling, Annals of OR, IEEE T-ASE, IEEE T-RA, SIMPRA, OMEGA

Invited Session Organizer for: MCPL'2000 (IFAC/IFIP/IFORS), 15th IFAC WC B'02, MOSIM'04, 16th IFAC WC Praha'2005, 17th IFAC WC Seoul'2008, 18th IFAC WC Milano'2011, MOSIM'06, INCOM'06, MCPL'2007, LT'07, IMS'2008 (IFAC), CIE39, INCOM'09, and MOSIM'09

Keynote plenary papers: ACS'97, MCPL'2007 (IFAC), LT'07 (IEEE), INCOM'09 (IFAC/IFIP) and INCOM 2012 (IFAC/IFIP/IFORS/IMACS)

Keynote presentations in invited sessions: 15th IFAC WC B'02, 16th IFAC WC Praha'2005, 17th IFAC WC Seoul'2008, and 18th IFAC WC Milano'2011

PUBLICATIONS

More than **400** refereed journal and conference papers, book chapters and research reports, see the list of selected publications included.

Recent Books

- Dolgui A., J.M. Proth. [*Supply Chain Engineering: Useful Methods and Techniques*](#). Springer, 2010, XX, (ISBN: 978-1-84996-016-8), 539 pages.
- Dolgui A., J.M. Proth. [*Les systèmes de production modernes. Tome 1 : Conception, gestion et optimisation*](#). Hermès, 2006, (ISBN: 2-7462-1249-8), 415 pages. [*Tome 2 : Outils et corrigés des exercices*](#). Hermès, 2006, (ISBN: 2-7462-1250-1), 385 pages.

Recently Edited Book

- Dolgui A., J. Soldek, O. Zaikin (Eds.) [*Supply chain optimisation: product/process design, facilities location and flow control*](#), Series: Applied Optimization, vol. 94, Springer, 2005, XVI, (Hardcover ISBN : 0-387-23566-3), 289 pages.

RECENT HONOURS AND AWARDS

- *IIE Transactions on Design and Manufacturing Best Paper Award 2008*
- Annual Award 2011 of the French IFAC National Committee
- *Biannual Best Research Award 2007-2008* of the National Academy of Science of Belarus (section: Physics, Mathematics and Computer Science)
- Special Award of the French IFAC National Committee
- 2011 Scientific Excellence Award of Saint-Etienne Metropole

Academic Experience

2011– present, Professor of Exceptional Class, Deputy Director for Research of Institute Henri Fayol (115 staff) and Head of Department (16 staff members)

2003 – 2011, Professor of 1st Class, Director of Centre and Laboratory/Department Head *Ecole Nationale Supérieure des Mines de Saint-Etienne*, France

2001 – 2003, Professor (Full) of 2nd Class

1996 – 2001, Associate Professor of 2nd then 1st Class

1994 – 1996, Assistant Professor

University of Technology of Troyes, Industrial Engineering Dept., Troyes, France/*Ecole des Mines de Nancy*, Computer Science Dept. / *IUT de Roanne*

1991 – 1997, Associate Professor

1988 – 1991, Assistant Professor

1986 – 1988, Researcher

Belarusian State University of Informatics and Radioelectronics, Computer Aided Production Management Dept./ Algorithms and Programming Dept., Minsk, Belarus

Guest Professor

2005 (1 month), Queen's School of Business, Kingston, Canada

1994 (6 months), project SAGEP, INRIA-Lorraine, University of Metz, France

1992 - 1993 (9 months), project SAGEP, INRIA-Lorraine, France

Education

- Dr. Habil., University of Technology of Compiègne (UTC), France, 2000
- Docent Title in Computational Methods and Programming, Ministry of Research and Education, Russia, 1992
- Ph.D. in Engineering Cybernetics and Computer Aided Production Management, Academy of Sciences of Belarus, Institute of Engineering Cybernetics, Minsk, Belarus (USSR), 1990
- Certificate of doctoral study, Minsk Radioengineering Institute, Belarus (USSR), 1986

- M.Sc./Engineer in Automated Systems of Data Processing and Management (with Honors), Minsk Radioengineering Institute, Belarus (USSR), 1983

Professional Memberships

- Institute of Industrial Engineers (IIE)
- Institute for Operations Research and the Management Sciences (INFORMS)
- Institute of Electrical and Electronics Engineers (IEEE)
- French Operational Research Society (ROADEF)
- Belarusian Operational Research Society (ByORS)
- International Foundation for Production Research (IFPR)
- International Institute for Innovation, Industrial Engineering and Entrepreneurship (I4e2)

Listed in:

Marquis Who's Who in the World
Marquis Who's Who in America
Marquis Who's Who in Sciences and Engineering
Marquis Who's Who in the World (Russian version)
Science in Republic of Belarus in XX Century

Languages: English, French, Russian, Belarusian