Nume și prenume conducător de doctorat: Zamfirescu Bălă-Constantin
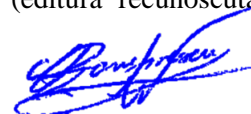**Domeniul de doctorat: Calculatoare si Tehnologia Informatiei**

A.3.2.1. Cel puțin 50% din conducătorii de doctorat din domeniul supus evaluării prezintă minimum 5 publicații indexate Web of Science sau ERIH în reviste cu factor de impact sau alte realizări, cu semnificație relevantă pentru domeniul respectiv, în care se regăsesc contribuții de nivel internațional ce relevă un progres în cercetarea științifică - dezvoltare - inovare pentru domeniul evaluat. Conducătorii de doctorat menționați au vizibilitate internațională în ultimii 5 ani, constând în: calitatea de membru în comitetele științifice ale publicațiilor și conferințelor internaționale; calitatea de membru în board-urile asociațiilor profesionale internaționale; calitatea de invitat în cadrul conferințelor sau grupurilor de experți desfășurate în străinătate sau calitatea de membru al unor comisii de susținere a unor teze de doctorat la universități din străinătate sau în cotutelă cu o universitate din străinătate. Pentru domeniile fundamentale Arte și Știința sportului și educației fizice, conducătorii de doctorat vor proba vizibilitatea internațională în ultimii 5 ani prin calitatea de membru în board-urile asociațiilor profesionale, prin calitatea de membru în comitetele de organizare a evenimentelor artistice și competițiilor internaționale, respectiv prin calitatea de membru în jurii sau echipe de arbitraj în cadrul evenimentelor artistice sau competițiilor internaționale.

Notă: Toate contribuțiile se vor enumera în ordine învers cronologică.

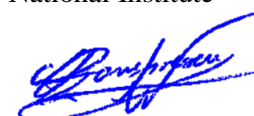### A. Cărți și capitole în cărți de specialitate sau volume colective

1. **Constantin Bala Zamfirescu** *(coord). Inginerie sistemelor socio-fizico-cibernetice în sisteme de producție. Editura Universității Lucian Blaga din Sibiu, 2021*
2. **Constantin Bala Zamfirescu** *(coord). Studii de analiză a arhitecturilor, metodelor și tehnicilor de*
3. *implementare a celei de-a patra revoluții tehnologice. Editura Universității Lucian Blaga din Sibiu, 2021*
4. *Mihai Neghina,* **Constantin Bala Zamfirescu***, Peter Gorm Larsen, Ken Pierce. Multi-Paradigm Modelling Approaches for Cyber-Physical Systems, titlul capitolului Multi-paradigm modelling and co-simulation in prototyping a cyber-physical production system. p. 169-194, 2020, Academic Press. Academic Press (https://www.elsevier.com/books/multi-paradigm-modelling-approaches-for-cyber-physical-systems/tekinerdogan/978-0-12-819105-7)*
5. *Florin Gheorghe Filip,* **Constantin-Bălă Zamfirescu***, Cristian Ciurea. Computer-Supported Collaborative Decision-Making. Volume 4 of the series Automation, Collaboration, & E-Services, Springer International Publishing,* http://link.springer.com/book/10.1007/978-3-319-47221-8*, ISBN: 978-3-319-47219-5, 2016.*
6. Pop N.D., **Zamfirescu C.B.** Programarea sistemelor multi-agent in Jade. Editura Universitatii Cluj, 222 pag, ISBN 978-973-595-874-9, 2015.
7. **Zamfirescu C.B.**, Iantovics B., Duta L. "A stigmergic approach to deal with uncertainty in planning the e-meeting Agenda". In Advances in Computational Technologies, *The Publishing House of The Romanian Academy*, ISBN 978-973-27-2256-5, pp. 249-257, 2012. (editura recunoscuta CNCS)
8. **Zamfirescu C.B.** "Ingineria sistemelor antropocentrice de asistare a deciziilor de grup*", Editura EXPERT*, ISBN 978-973- 618-185-6, 273 pg., Bucuresti, 2009. (editura recunoscuta CNCS);
9. **Zamfirescu C.B.**, Ghetiu T., *Dezvoltarea aplicatiilor multi-agent. Mediul Jade*, Editura Univ. "Lucian Blaga" Sibiu, ISBN 978-973-739-671-6, 210 pg., Sibiu, 2008.
10. **Zamfirescu C.B.**, *Sisteme integrate pentru intreprinderi*, Editura Univ. "Lucian Blaga" Sibiu, ISBN 978-973-739-670-9, Sibiu, 213 pg., 2008.
11. **Zamfirescu C.B.**, Filip F.G., Barbat B.E. "Future Prospects in Romania – Scenarios for the Development of Knowledge Society" In R. Campano si C. Pascu (eds), Prospects for a Knowledge-based Society in the New Member States and Candidate Countries, *The Publishing House of The Romanian Academy*, ISBN 973-27-1319-4, pp. 158-198, Bucharest, 2006 (editura recunoscuta CNCS)

12. **Zamfirescu C.B.**, Filip F.G., "Metode de foresight in identificarea riscurilor si asistarea gestionarii lor cu calculatorul", *Editura Academiei Romane*, ISBN 973-27-1150-7, pp. 365-380, Bucuresti, 2004 (editura recunoscuta CNCS).

B. Articole publicate ca autor sau coautor în reviste cotate ISI, ERIH, SCOPUS sau alte BDI
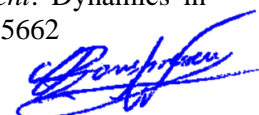
1. *Arpad Gellert, Stefan-Alexandru Precup, Bogdan-Constantin Pirvu, Ugo Fiore, **Constantin-Bala Zamfirescu**, Francesco Palmieri. An Empirical Evaluation of Prediction by Partial Matching in Assembly Assistance Systems. Applied Sciences, 11(7), p.3278, 2021.*
2. *Arpad Gellert, **CB Zamfirescu**, Assembly support systems with Markov predictors. Journal of Decision Systems,Taylor & Francis, 2020*
3. *M Neghina, **CB Zamfirescu**, K Pierce. Early-stage analysis of cyber-physical production systems through collaborative modelling. Software and Systems Modeling, 19(3), Springer, p. 581-200, 2019.*
4. *M Neghina, **CB Zamfirescu,** PG Larsen, K Lausdahl, K Pierce. Multi-Paradigm Discrete-Event Modelling and Co-simulation of Cyber-Physical Systems, Studies in Informatics and Control 27 (1), 33-42, 2017*
5. *Bogdan-Constantin Pirvu, **Constantin-Bala Zamfirescu**, Dominic Gorecky. Engineering insights from an anthropocentric cyber-physical system: A case study for an assembly station, Mechatronics, 34, 147-159, Elsevier, 2016.*
6. *Marco Franke, Bogdan-Constantin Pirvu, Dennis Lappe, **Bala-Constantin Zamfirescu**, Marius Veigt, Konstantin Klein, Karl Hribernik, Klaus-Dieter Thoben, Matthias Loskyll. Interaction mechanism of humans in a cyber-physical environment, Dynamics in Logistics, p. 365-374, Springer International Publishing, 2016.*

7. **Zamfirescu C.B.,** Candea C, Radu C. - *A Stigmergic Approach for Social Interaction Design in Collaboration Engineering*, Neurocomputing, Elsevier, ISSN: 0925-2312, **146**, p. 151-163, 2014;
8. Khalid Bukhari S.U., Brad R., **Zamfirescu C.B.** - *Fast Edge Detection Algorithm for Embedded Systems*, Studies in Informatics and Control, ISSN 1220-1766, vol. 23 (2), p. 163-170, 2014;
9. Duta L., **Zamfirescu C.B.**, Filip F.G - *Mathematical Decision Model for Reverse Supply Chains Inventory*, International Journal of Computers, Communications & Control, ISSN: 1841-1844, Vol. 9, Issue 6, p. 686-693, 2014;
10. **Zamfirescu, C.B.,** Parvu, B., Schlick, J., Zuehlke, D. - *Preliminary insides for an anthropocentric cyber-physical reference architecture of the smart factory*. Studies in Informatics and Control, 22(3), pp. 269-278, ISSN: 1220-1766, 2013;
11. Iantovics B., **Zamfirescu C.B.** – ERMS: *An Evolutionary Reorganizing Multi-Agent System.* International Journal of Innovative Computing, Information and Control, vol. 9, no. 3, 2013;
12. Iantovics B, **Zamfirescu C.B.,** Marusteri M. (Eds). *Special Issue on Advances in Soft Computing Techniques and Applications*. Journal of Information Technology Research, IGI Publisher, 4, 2012;
13. **Zamfirescu C.B.**, Filip F. – *Swarming models for facilitating collaborative decisions*, International Journal of Computers, Communications & Control, ISSN: 1841-1844, Vol. 5, Issue 1, pp. 125-137, 2010;
14. **Zamfirescu C.B.**, Duta L., Iantovics B. – *On Investigating the Cognitive Complexity of Designing the Group Decision Process*. Studies in Informatics and Control, vol. 19, issue 3, pp. 263-270, ISSN: 1220-1766, 2010;
15. **Zamfirescu C.B.**, Duta L., Iantovics B.– *The cognitive complexity in Modelling the Group Decision Process*, Broad Research in Artificial Intelligence and Neuroscience (BRAIN Journal), vol 1, p. 69-79, 2010;
16. Chirca O., **Zamfirescu C.B.** – *IT Tools for Technology Foresight*, Observatorio (OBS*) Journal, Vol. 2, Nr. 2, pp. 33-40, ISSN 1646-5954, OberCom, Lisbon, Portugal, 2008;
17. **Zamfirescu C.B.,** Negulescu S., Duta L. – *A bio-inspired approach to solve the route allocation problem,* The Scientific Bulletin of Electrical Engineering Faculty, Vol 8, Nr. 1, pp. 109-113, ISSN 1843-6188, Valahia University of Targoviste, 2008;
18. Negulescu S., **Zamfirescu C.B.**, Barbat B. – *User-Driven Heuristics for Nondeterministic Problems*, Studies in Informatics and Control, Vol. 15, Nr. 3, pp. 289-296, ISSN: 1220-1766, National Institute for Research and Development in Informatics, 2006;

19. **Zamfirescu C.B.,** Negulescu S., Bărbat B. - *Controlul proceselor de fabricaţie: o abordare emergentă*, Revista Româna de Informatică şi Automatică, Vol. 15, Nr. 1, pp. 31-41, ISSN 1220 – 1758, Institutul National de Cercetare-Dezvoltare în Informatică, Bucureşti, 2005;

20. Valckenaers P., Germain B., Verstraete P., Hadeli, **Zamfirescu C.B.**, Brussel H. *Ant Colony Engineering in Coordination and Control: How to Engineer an Emergent Short-Term Forecasting System*. CIRP – Journal of Manufacturing Systems, Elsevier Science, Vol. 34, Nr. 2, ISSN: 0278-6125, 2005;

21. **Zamfirescu C.B.** - *An Agent-Oriented Approach for Supporting Self-Facilitation in Group Decisions*, Studies in Informatics and Control, Vol. 12, Nr. 2, p. 137-148. ISSN: 1220-1766, 2004;

22. Bărbat B., Negulescu S., **Zamfirescu C.B. -** *Boosting Synergy in Agent-Based Optimisation Tools*, Transactions on automatic control and computer science, Vol. 49(63), Nr. 4, pp. 119-124, ISSN 1224-600X, Scientific Bulletin of „POLITEHNICA" University of Timişoara, 2004;

23. Barbat B., **Zamfirescu C.B.**, Negulescu S. – *The Best form Ants and Humans: Synergy in Agent-Based Systems*, Studies in Informatics and Control, Vol. 13, Nr. 1, p. 47-59, ISSN: 1220-1766, 2004;

24. Valckenaers P., Brussel H., Hadeli, Bochmann O, Germain B., **Zamfirescu C.B.** - *On the design of emergent systems*, Engineering Applications of Artificial Intelligen*ce*, Vol. 16, Nr. 4, pp. 377-393, ISSN: 0952-1976, Elsevier Science, 2003;

25. **Zamfirescu C.B.**, Staicu M., Luca M. - *SEA: Search engine agents*. Acta Universitatis Cibiniensis*,* Technical Series. Computer Science and Automatic Control, Vol. XXIX, pp. 139-144, ISSN 1221-4949, Ed. Universităţii "L. Blaga" din Sibiu, 1999;

26. Bărbat B., **Zamfirescu C.B.** - *A3ckm: Anthropocentric Agent Architectures for complex knowledge management*. Acta Universitatis Cibiniensis*,* Technical Series. Computer Science and Automatic Control, Vol. XXIX, pp. 19-25, ISSN 1221-4949, Ed. Universităţii "L. Blaga" din Sibiu, 1999;

C. Articole studii publicate în volumele conferinţelor internaţionale desfăşurate în ţară sau străinătate (cu ISSN sau ISBN)

1. *Arpad Gellert, Stefan-Alexandru Precup, Bogdan-Constantin Pirvu, **Constantin-Bala Zamfirescu**. Prediction-based assembly assistance system. 25th IEEE International Conference on Emerging Technologies and Factory Automation. IEEE, p 1065-1068, 2020.*

2. *Andrei Tara, Alex Butean, **Constantin Zamfirescu**, Robert Learney. An Ontology Model for Interoperability and Multi-organization Data Exchange. Computer Science On-line Conference, p. 284-296, Springer, 2020.*

3. *Puscasu Samuel, Voju Radu Alexandru, Matei Alexandru, **Zamfirescu Bălă Constantin**. Architectural Issues in Implementing a Distributed Control System for an Industry 4.0 Prototype. International Conference on Development and Application Systems, p. 56-59, IEEE, 2020.*

4. *Arpad Gellert, **Constantin-Bala Zamfirescu**. Using two-level context-based predictors for assembly assistance in smart factories. International Conference on Computers Communications and Control, p. 167-176, Springer, 2020.*

5. ***CB Zamfirescu**, M Neghina. Collaborative development of a CPS-based production system. Procedia Computer Science, Volume 162, 2019, Pages 579-586,*

6. *Candea, G. Candea, **CB Zamfirescu** ArdoCare – a collaborative medical decision support system. Procedia Computer Science, Volume 162, 2019, Pages 762-769.*

7. BC Pirvu, **CB.Zamfirescu**. Smart factory in the context of 4th industrial revolution: challenges and opportunities for Romania. IOP Conference Series: Materials Science and Engineering, 227(1), 2017

8. **Zamfirescu C.B.,** Pirvu B.C., Loskill M., Zuehlke D. - *Do Not Cancel My Race with Cyber-Physical Systems*. The 19th World Congress of the International Federation of Automatic Control, Cape Town, South Africa, 2014;

9. **Zamfirescu C.B.**, Pirvu B.C., Gorecky D., Chakravarthy H. - Human-centred Assembly: A Case Study for an Anthropocentric Cyber-physical System, Procedia Technology, vol. 15, 2014, p. 90-98, Elsevier;

10. Franke M., Pirvu B.C., Lappe D., **Zamfirescu C.B.**, Veigt M., Klein K., Hribernik K, Thoben K.D., Loskill M. - *Interaction Mechanism of Humans in a Cyber-Physical Environment*. Dynamics in Logistics, Springer, 2014, Advances in Intelligent and Soft Computing, ISSN 1867-5662

11. Radu, C., Candea, C., Candea G., **Zamfirescu C.B. -** *Towards a Cloud-Based Group Decision Support System*, Studies in Computational Intelligence, Vol. 513, 2014;

12. **Zamfirescu C.B.,** Candea C. - *On Interacting with Collective Knowledge of Group Facilitation*, Computational Collective Intelligence**.** Technologies and Applications, Lecture Notes in Computer Science, Vol. 8083, p 255-265, ISSN: 0302-9743, Springer, 2013;

13. Zamfirescu L., **Zamfirescu C.B.** - *A Business Process Analysis Approach For Group Decisions In Performance-Based Budgeting*, Proceedings of the 12th International Conference on Informatics in Economy (IE 2013), Education, Research & Business Technologies, Bucharest, pp. 474-478, ISSN: 2284-7472, 2013;

14. Zamfirescu L., **Zamfirescu C.B.** - *Goal programming as a decision model for performance-based budgeting*. Procedia Computer Science, Volume 17, pp. 426–433, Elsevier, 2013;

15. **Zamfirescu C.B.,** Candea C. - *Planning in Collaborative Stigmergic Workspaces*. In P. Jedrzejowicz, N. Thanh Nguyen, K. Hoang (Eds.): Computational Collective Intelligence. Technologies and Applications, Part II. *Lecture Notes in Computer Science,* 6923 Springer, pp. 160-169, ISSN: 0302-9743, 2011;

16. **Zamfirescu C.B.**, Candea C. - A Stigmergic Guiding System to Facilitate the Group Decision Process, 28th IEEE International Conference on Data Engineering, Washington DC, USA, pp. 98-102, ISBN 978-1-4673-1640-8, 2012;

17. Iantovics B., Marusteri M., Kountehev R., **Zamfirescu C.B.**, Crainieu B. - *Intelligent CMDS Medical Agents with Learning Capacity*, In Proceedings Of The 5th International Conference On Virtual Learning (ICVL 2010), pp. 325-331, ISSN: 1844-8933, Tg. Mures, Romania, 2010;

18. Duta L., **Zamfirescu C.B.**, Cioca M., Addouch S. - *Integrating DSS in Public Transportation Monitoring Systems*. 12th IFAC LSS Symposium, Villeneuve d'Ascq, Franta, pp. 63-67, 2010;

19. **Zamfirescu C.B.**, Negulescu S., Kifor C., Oprean C. – *A stigmergic approach to route allocation in transportation network*, in Enachescu C., Iantovics B., Filip F. (Eds.), Advances in Bio-Inspired Computational Methods, pp. 167-175, ISBN:978-973-7794-77-2, Petru Maior University Press, 2008;

20. Duta L., Filip F., **Zamfirescu C.B.** – Genetic Algorithms – *A Decision Tool in Industrial Disassembly*, Proceedings of Complexity in Artificial and Natural Systems, Petru Maior University Press, ISBN:978-973-7794-76-5, pp. 124-127, 2008;

21. **Zamfirescu C.B.**, Negulescu S., Oprean C., Banciu D. – *Ant Colony Optimization for Route Allocation in Transportation Networks*, Proceedings of Bio-Inspired Computational Methods Used for Complex Problem Solving (BICS 2008), American Institute of Physics Proceedings, Vol. 1171, pp. 163-170, ISSN: 0094-243X, 2008;

22. Duta L., Filip F., **Zamfirescu C.B.** – Genetic Algorithms – *A Decision Tool in Industrial Disassembly*, Conference on Complexity and Intelligence of the Artificial and Natural Complex Systems, ISBN: 978-0-7695-3621-7, pp. 55-61, IEEE Computer Society Press, New York, 2008;

23. Georgescu A., Cândea C., **Zamfirescu C.** – *iGDSS – A Software Framework for Group Decision Support Systems*, Proceedings of The Good, The Bad and The Unexpected Conference, The User And Future of Information and Communication Technologies, COST Action 298 Participation in the Broadband Society – European Science Foundation, Moscow, Russian Federation, ISBN: 5-901907-17-5, 2007.

24. Barbat B., Negulescu S., **Zamfirescu C.B.** – *Human-Driven Stigmergic Control. Moving the Threshold*, Proceedings of the 17th World Congress IMACS (Scientific Computation, Applied Mathematics and Simulation), N. Simonov (Ed.), ISBN 2- 915913-02-01, Paris, 2005;

25. Karuna H., Valckenaers P., Saint-Germain B., Verstraete P., **Zamfirescu C.B.**, Van Brussel H. – E*mergent Forecasting using a Stigmergic Approach in Manufacturing Coordination and Control*, Lecture Notes in Computer Science, vol. 3464, p. 210-226, Springer-Verlag Berlin Heidelberg, ISSN 0302-9743, ISBN 3-540-26180-X, Berlin Heidelberg, 2005;

26. Hadeli, Valckenaers P., **Zamfirescu C.B.**, Van Brussel H., Saint Germain B., Hoelvoet T., Steegmans E. – *Self-organising in multi-agent coordination and control using stigmergy*, Lecture Notes in Artificial Intelligence, vol. 2977, pp. 105-123, Springer-Verlag, ISSN: 0302-9743, Berlin Heidelberg, 2004;

27. **Zamfirescu C.B.**, Valckenaers P., Van Brussel H., Germain B. – *A Case Study for Modular Plant Control*, Lecture Notes in Artificial Intelligence, vol. 2744, pp. 268-279, Springer-Verlag, ISSN: 0302-9743, Berlin Heidelberg, 2003;

28. Saint Germain B., Valckenaers P., Brussel H., Hadeli, Bochmann O., **Zamfrescu C.B.**, Verstraete P. - Mu*lti-Agent Manufacturing Control: An Industrial Case Study*, in Monostori L., Kadar B., Morel. G. (Eds.), Intelligent Manufacturing Systems, Pergamon Press, Elsevier, pp. 207-212, ISBN: 0-08-044289-7, 2003;

29. Germain B., Valckenaers P., Brussel H., Hadeli, Bochmann O., **Zamfrescu C.B.**, Verstraete P. - *Multi-Agent Manufacturing Control: An Industrial Case Study*, în Monostori L., Kadar B., Morel. G. (Eds.), Intelligent Manufacturing Systems, Pergamon Press, Elsevier, pp. 207-212, ISBN: 0-08-044289-7, 2003;

30. Germain B., **Zamfrescu C.B.**, Bochmann O, Valckenaers P., Brussel H. **-** *Benchmarking Of Manufacturing Control Systems in Simulation*, Proceedings of the 3rd IFIP International Workshop On Performance Measurement, Bergamo, Italy, pp. 357-369, 2003;

31. **Zamfirescu, C.B.**, Candea C., Luca S. – On Integrating Agents Into GDSS, Large Scale Systems: Theory and Applications, in FIlip F., Dumitrache I., Iliescu S. (Eds.), Pergamon Press, Elsevier, pp. 233-238, ISSN: 0962-9505, 2002;

32. **Zamfirescu C.B.**, Filip F. – *Supporting Self-Facilitation in Distributed Group Decisions*, Proceedings 13th International Workshop on Database and Expert Systems Applications – DEXA 2002, Aix-en-Provence, France, IEEE Computer Society Press, ISBN: 0-7695-1668-8, pp. 321-325, 2002;

33. Valckenaers, P., Kollingbaum M., Brussel H., Bochmann O., **Zamfirescu C.B.** – *The Design Of Multi-Agent Coordination And Control Systems Using Stigmergy*, Proceedings of the 3rd International Workshop on Emergent Synthesis, Bled (IWES 2001), Slovenia, ISBN: 961-6238-49-3, pp. 151-160, 2001;

34. Barbat B., Candea C., **Zamfirescu C.B.** - *Holons and Agents in Robotic Teams A Synergistic approach*. Proceedings of Int'l Symposium on Information Science Innovations in Engineering of Natural and Artificial Intelligent Systems, Dubai, pp. 654 – 660, ISBN**:** 3-906454-25-8, 2001;

35. Barbat B., **Zamfirescu C.B.** - P*olymorphic Agents for Modelling E-Business Users*. Proc. of the International NAISO Congress on Information Science Innovations ISI'2001, Dubai, pp. 1018-1024 ISBN**:** 3-906454-24-1, 2001;

36. Cândea C., Staicu M., **Zamfirescu C.B.** – *An agent-based system for modelling the searching process on the Web*. Proceedings of 4th IEEE International Conference on Intelligent Engineering Systems, Portoroz, Slovenia, pp. 103-106, 2000;

37. Barbat B., **Zamfirescu C.B.**, Costache G. – *Agent-Oriented Captology For Medical Informatics*, in Hasman A., Blobel B., Dudeck J., Engelbrecht R., Gell G., Prokosch H. (Eds.) Medical Infobahn for Europe, Studies in Health Technology and Informatics, 77, Hanover, Germany, IOS Press, ISSN: 0926-9630, pp. 465-469, 2000;

38. Linguraru M., **Zamfirescu C.B.** - *The Cultural Impact of Anthropocentric Systems in Medical Decision Making*, Proceedings of IEEE International Conference on Intelligent Engineering System, Stará Lesná, Slovaquie, pp. 473-479, ISSN 1562-5850, ISBN 80-88964-25-3, 1999;

39. **Zamfirescu C.**, Filip F. - *An agent-oriented approach to team-based manufacturing systems*, Proceedings of the Second International Workshop on Intelligent Manufacturing Systems, Katholieke Universiteit Leuven Press, Belgium, pp. 651-658, 1999;

40. **Zamfirescu C.**, Filip F. **-** *From steering to coaching: a new challenge to executive support systems*, Proceedings of the Second World Manufacturing Congress, ICSC Academic Press, UK, pp. 641-647, 1999;

41. **Zamfirescu C.**, Filip F. - *The Coach Metaphor as Lenses for Analysing Multiple Perspectives in CSCW: Implications for System Design, Preprints of Advanced Summer Institute (ASI'99)*, Leuven, Belgium, pp. 121-126, 1999;

42. **Zamfirescu C.B.**, Barbat B., Filip F. – *The "coach" metaphor in CSCW decision making systems design*, în Camarinha Matos L., Afsarmanesh H., Marik V. (Eds.) Intelligent Systems for Manufacturing: Multi-Agent Systems and Virtual Organizations, Kluwer Academic Publishers, ISBN: 0-412-84670-5, pp. 241-250, 1998;

D. Granturi/proiecte câștigate prin competiție

1. *HUBCAP, Horizon 2020, 2020-2022, Digital Innovation HUBs and Collaborative Platform for Cyber-Physical Systems, H20200* https://projects.au.dk/hubcap/

2. *DIGITbrain, Horizon 2020, digitbrain.eu*
3. *IPP4CPPS (Integrated product-production co-simulation for cyber-physical production system), Horizon 2020, CPSE Labs (Cyber-Physical Systems Engineering Labs), www.cpse-labs.eu/, 2016-2017.*
4. *"Dezvoltarea sistemelor socio-fizico-cibernetice pe baza Internetului Lucrurilor în fabrica viitorului - DiFiCIL", Programul Operațional Competitivitate 2014-2020.*

5. Electronic Health Records for the Next Generation Medical Decision Support in Romanian and Bulgarian National Health System, coordonator Univ. Petru Maior Tg Mures, 2010-2012, Contract nr. 461CB/23.10.2010 PNII Capacitati, Beneficiar Ministerul Educației, Cercetării și Tineretului
6. Convergenţa economică şi rolul cunoaşterii în condiţiile integrării în UE, Programul Parteneriate „Cercetare de excelenta" (CEEX), Contract nr. 220/2006, 2006-2008, – Beneficiar Ministerul Educației, Cercetării și Tineretului - director/responsabil partener
7. Sistem orientat agent pentru modelarea şi optimizarea transportului de persoane, Programul Parteneriate „Cercetare de excelenta" (CEEX), – Beneficiar Ministerul Educației, Cercetării și Tineretului, Contract nr. 116/2006, 2006-2008
8. Sistem de suport al deciziilor de grup în mediul academic şi al administraţiei publice – premisă a descentralizării şi democratizării sistemului decizional, Programul Parteneriate „Cercetare de excelenta" (CEEX), Contract nr. 23/2005, 2005-2008, – Beneficiar Ministerul Educației, Cercetării și Tineretului
9. Elaborarea Strategiei nationale in domeniul CDI pt. perioada 2007-2013 – Beneficiar Ministerul Educației, Cercetării și Tineretului, 2005-2006, PNII, Constract nr. 61/15.07.2005, coordonator C.N.C.S.I.S.., http://www.strategie-cdi.ro

E. Recunoașterea realizărilor științifice și profesionale:

 a. *Indici Hirsh*
   Google Scholar 16
   ResearcherID AAX-9398-2020 Publons WoS 10
   SCOPUS 10

- *Recenzor reviste cotate ISI şi BDI*
   o International Journal on Advances in Intelligent Systems
   o Transactions on Computational Collective Intelligence, Springer, din 2012
   o Guest Editor Journal of Information Technology Research, IGI Publisher, 4, 2012, Special Issue on Advances in Soft Computing Techniques and Applications
   o Journal of Intelligent Manufacturing" (Springer, ISI),
   o Expert Systems with Applications" (Elsevier, ISI),
   o "Group Decision and Negotiation" (Springer, ISI)
   o "Transactions on Computational Collective Intelligence" (Springer),
   o "Studies in Informatics and Control" Journal" (ICI, ISI),
   o "Journal of Computers, Communication and Control " (Agora, ISI);

F. Altele care se regăsesc enumerate la *A.3.2.1*

Data:
10.05.2022

Semnătura: