PERSONAL INFORMATION   GEMAN OANA

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https://sites.google.com/usm.ro/oanagemanusmro/
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Sex F | Date of birth 01/01/1976 | Nationality Romanian

CURRENT POSITION
Associate Professor Ph.D. at the Department of Health and Human Development, and **Habilitate Professor** at Faculty of Electrical Engineering and Computer Science, "Stefan cel Mare" University of Suceava, Romania

DEGREES
2018 - Habilitate Professor in Electronics, Telecommunication and Information Technologies

2013 - Postdoctoral Researcher in the field of Computer Science, "Progress and development through post-doctoral research and innovation in engineering and applied sciences – PRiDE Contract no. POSDRU/89/1.5/S/57083".

2006 - PhD in the field of Electronics and Telecommunication, University "Gh. Asachi", Iasi, Romania, Title of Thesis: *Contributions to knowledge based systems using nonlinear analysis, with medical applications*, Supervisor Academician Prof. Dr. eng. Horia-Nicolai Teodorescu, Order no. 3824, dated 03.05.2006 of the Ministry of Education and Research.

2003 - Master of Science in Biomedical Engineering, University "Gh. Asachi", Iasi, Romania.

2000 - Bachelor of Science degree in Medical Bioengineering, University of Medicine and Pharmacy "Gr. T. Popa", Iasi, Romania, Faculty of Medical Bioengineering, Bioinstrumentation and Medical Techniques Field.

PROFESSIONAL POSITIONS AND EMPLOYMENT
2018-
Habilitate Professor at the Faculty of Electrical Engineering and Computer Science, "Stefan cel Mare" University of Suceava, Romania.

2014-
Associate Professor Ph.D. at the Department of Health and Human Development, "Stefan cel Mare" University of Suceava, Romania.

2010-2013
Lecturer Ph.D. at the Faculty of Electrical Engineering and Computer Science, Department of Computer, Electrical and Automatic, "Stefan cel Mare" University of Suceava, Romania.

2010 - 2013
Postdoctoral Researcher, "Stefan cel Mare" University of Suceava, Romania.

2008 - 2010
    Key Account Manager at GlaxoSmithKline Company.
2005 - 2008
    Medical Representative at MerckSharp&Dohme Company.
2001 – 2005
    PhD. Student and Research Assistant, University "Gh. Asachi", Iasi, Romania, Group of laboratories of Medical Engineering and Intelligent Systems.

TRAINING PERIODS AND POSTDOCTORAL RESEARCH

2021 – 2022
    Postgraduate Seminar in Smart Systems for Ambient Assisted Living, University Institute ISCTE, Lisbon, Portugal
2020 – 2021
    Researcher in POCU Project: Universities and employers together. An integrated system of innovative educational program, POCU/320/6/21/121030, West University Timisoara, Romania.
2014 – 2015
    Researcher in Postgraduate Program in Blended-learning and modern technologies for Students' education, Technical University Cluj-Napoca, Romania.
2010 - 2013
    Postdoctoral Research Fellow in Computer Science Field, "Progress and development through post-doctoral research and innovation in engineering and applied sciences – PRiDE – Contract no. POSDRU/89/1.5/S/57083". This project has been co-funded by the European Social Fund, through Sectorial Operational Program Human Resources 2007-2013 ("Stefan cel Mare" University of Suceava, Romania).

Mother tongue   Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B1	B1	B1
French	B2	B1	B1	B1	B2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

PERSONAL SKILLS
FIELDS OF COMPETENCE

Artificial Intelligence Tools, Fuzzy Systems, Expert Systems, Intelligent Systems (1), Nonlinear Dynamics and Chaos Theory (2), Artificial Neural Networks and Recent methods in signal analysis and prediction (3), Wireless sensors, Neuro-fuzzy methods for the signal analysis and prediction (4), Applications of the signal analysis and prediction (5), Neural and neuro-fuzzy networks (6), Classification, Data-Mining and Knowledge-Discovery Data (7), Deep Learning and Machine Learning (8), Artificial Intelligence Tools and Biomedical Applications (9).

PROFESSIONAL SOCIETIES

Member of The Center for Research in Fuzzy Systems, Intelligent Systems and Biomedical Engineering – CERFS, Member of Society for Neuroscience, Member of the IEEE International Neural Network Society, Member of Anti-Parkinson Romanian Association, IEEE Senior Member.

**SCOLARSHIP
AND AWARDS**

1. ROMANIAN SOCIETY OF FUZZY SYSTEMS,
http://www.etc.tuiasi.ro/ECIT2002/Ecit2002.htm,
17 – 20 iulie 2002, Iasi, Scholarship for young researchers participation at the International Conference ECIT'2002 (European Conferences on Intelligent Systems and Technologies) (2002).
2. Master of Science, with distinction (2002).
3. ROMANIAN SOCIETY OF FUZZY SYSTEMS,
http://www.etc.tuiasi.ro/SSIA2003/index.htm, 19 – 20 septembrie 2003, Iasi, Scholarship for young researchers to participate in the International Symposium SIA'2003 (National Symposium on Intelligent Systems and Applications).
4. Diploma of Excellence in International Symposium SIA'2003 for a contribution in organizing the symposium and work in a top field).
5. Professor Bologna (2010).
6. Professor Habilitate (2018)
http://www.usv.ro/index.php/ro/1/Domenii_doctorat/

TEACHING ACTIVITIES (courses and practical activities for Bachelor Students ad Master):

1. Computer Aided Graphics, Numerical Methods, 1st year Faculty of Electrical Engineering and Computer Science (specializations Computers, Automation and Applied Informatics) - laboratory works (applications) (2011-2014)
2. Management and Statistical Analysis of Data, master CCN and MIIA - laboratory works (applications) (2011-2012)
3. Medical Electronics year IV Faculty of Electrical Engineering and Computer Science (specialization Applied Electronics) - Elaboration as a discipline holder of a laboratory supervisor in this discipline, elaboration as a discipline holder of a university course in this discipline. Making presentations in electronic format for the entire course and laboratory accessible online in .pdf format on the discipline page. Management of the web page of the discipline (course materials, applications, other support materials, etc.) at the address: www.eed.usv.ro/~geman (2011-2021)
4. Rehabilitation Bioengineering, Faculty of Medicine and Biological Sciences (2012-2022)
5. Biomedical Instrumentation for Recovery, Faculty of Medicine and Biological Sciences (2012-2022)
6. Imaging Radiology, Faculty of Medicine and Biological Sciences, (2012-2022)
7. Medical Informatics and Biostatistics, Faculty of Medicine and Biological Sciences, (2012-2022)
8. Research Methodologies, Faculty of Medicine and Biological Sciences, (2012-2019)
9. Neuroaesthetic Course, Faculty of Literature and Communication Science (starting with 2022)

TECHNICAL SKILLS AND COMPETENCES

- Design and development of expert systems (with applications in medicine);
- Design and development of medical equipment and devices;
- Development of applications using C ++, CLIPS / FuzzyCLIPS;
- Graphic applications from the Adobe Master Collection family;
- Programming languages and software development environments: MATLAB, LabView, Python, PyTorch and Captum for Deep Learning, for Causal Inference – DoWhy; for Text Processing – SpaCy; DataGraft, Neo4J, Docker for ML pipelines;
- Data acquisition: E-prime, Presentation Software (Neurobehavioral Systems), Antconc,Word Smith (corpus linguistics software);
- Data analysis: Python, MATLAB (different brain data analysis toolboxes), Brain Voyager Software (fMRI), SPM 12 fMRI and EEG data analysis, FSL fMRI data analysis, EEGlab and Fieldtrip (EEG analyser), SPSS, JASP (statistics software), Basic and Q-Basic, Visual Basic;
- Brain research technologies: fMRI, EEG, Eye Tacking, TMS, MEG (limited);
- Design, development and implementation of online educational solutions (courses and applications).

I have a strong record in training personnel in my laboratory (Bioinstrumentation and Medical Techniques, Neuroaesthetics Lab, Stefan cel Mare University, Suceava, Romania, https://neuroaestheticslab.usv.ro/).

In a given year, few persons are trained and worked in my laboratory. They are technical staff, premedical, medical, and honor students, master and doctoral students. They conduct independent studies for research thesis, coauthor research papers, and attend scientific meetings. The undergraduate and honor students have been accepted at top hospitals, or Medical Equipment Company, or at combined MD/PhD programs. Supervisor for master students and advisor for undergraduate students, total more than 100 students from Stefan cel Mare University (The Faculty of Electrical Engineering and Computer Science and Health, Human Development Department, Faculty of Medicine and Biological Sciences, Faculty of Physical Activities and Sport).

PROFESSIONAL EXPERIENCE RELEVANT TO THE JOB

Oana Geman - Senior Researcher, Associate Professor at the Human and Health Development Department, University of Suceava, with Habilitation in Electronics, Telecommunication and Information Technologies. Her expertise includes: Artificial Intelligence Tools, non-invasive measurements of biomedical signals (EEG, ECG, HR etc.), wireless sensors, signal processing (ECG, EEG and fMRI), and processing information by way of Artificial Intelligence such as nonlinear dynamics analysis, and neuro-fuzzy methods, classification and prediction, Data-Mining, Deep Learning, Machine Learning and Intelligent Systems, Biomedical Applications. Within the past five years she contributed 6 book chapters as co-author, has published over 100 articles (over 30 papers in Q1and Q2 Journals, with FI over 50), and her various works have been cited over 1380 times, Hirsh Index 20. She directed 6 research and mobility grants and has been a contributor for 10 national and international grants. The current project will involve ECG, EEG and fMRI signal processing and analysis, and dissemination and transfer of knowledge in the area of Artificial Intelligence and Medical Engineering.

SELECTED REPRESENTATIVE PUBLICATION (PRINCIPAL/CORESPONDENT AUTHOR) 2012 - 2022

1.Oana Geman, Ciprian Zamfir, Using wavelet for early detection of pathological tremor, EUSIPCO 2012 - European Association for Signal Processing, 20th European Signal Processing Conference, Bucuresti, România, August 27 - 31, 2012, http://www.eusipco2012.org., http://IEEEXplore.ieee.org, ISI Proceedings (**2012**).

2.Oana Geman, Ungurean I., Popa V., Turcu C.O., Găitan C.N., *Gait in Parkinson's Disease – Signal Processinng and Modeling,* DAS - 11th International Conference on Development and Application Systems, May 17-19, 2012 - Suceava, Romania, http://www.dasconference.ro/, pp. 166-170 (**2012**).

3.Oana Geman, Cornel Octavian Turcu, Adrian Graur, *Parkinson's Disease Diagnosis using a Fuzzy Expert Syst*em, in Advances in Electrical and Computer Engineering, Vol. 13, No. 1, pp. 41-46, 2013, ISSN: 1582-7445, **IF 0.661** (**2013**).

4.Oana Geman, *A Markov Model for Analyzing the Health Status of the Romanian Population until 2020*, Proceedings of the IEEE International Conference on E-Health and Bioengineering, EHB 2013, ISBN: 978-1-4799-2372-4 (**2013**).

5.Oana Geman, *Nonlinear Dynamics, Artificial Neural Networks and Neuro-Fuzzy Classifier for Automatic Assessing Tremor Severity*, Proceedings of the IEEE International Conference on E-Health and Bioengineering, EHB 2013, ISBN: 978-1-4799-2372-4 (**2013**).

6.Oana Geman, Hariton Costin, *Parkinson's Disease Predictionbased on Multistate Markov Mode*ls, International Journal of Computers Communications & Control, Vol. 8, Nr. 4, pg. 525-537, 2013, **IF 1.374**, ISSN: 1841-9836 (**2013**).

7.Oana Geman, Sorin Pohoață, Adrian Graur, *Acquisition and Processing data for Early Stage of Parkinson's Disease*, Revue Roumaine des Sciences Techniques – Serie Electrotechnique et Energetique, Vol. 58, nr. 3, pg. 324-334, 2013, **IF 1.036**, ISSN: 0035-4066 (**2013**).

8.Oana Geman, Hariton Costin, *Automatic Assessing of Tremor Severity Using Nonlinear Dynamics, Artificial Neural Networks and Neuro-Fuzzy Classifier*, in Advances in Electrical and Computer Engineering, Volume 14, Issue 1, On page(s): 133 – 138, **IF 0.661**, ISSN: 1582-7445, e-ISSN: 1844-7600 (**2014**).

9.Oana Geman, Saeid Sanei, Iuliana Chiuchisan, Adrian Graur, Aleš Procházka, and Oldřich Vyšata,*Towards an Inclusive Parkinson's Screening System*, Proceedings of the 18th International Conference on System Theory, Control and Computing, Sinaia, Romania, October 17-19, 2014 ISBN 978-1-4799-4602-0 ©2014 IEEE, pp. 476-480 (**2014**).

10. Iuliana Chiuchisan, **Oana Geman**, *A review of HDL-based system for real-time image processing used in tumors screening*, Proceedings of the 18th International Conference on System Theory, Control and Computing, Sinaia, Romania, October 17-19, 2014 ISBN 978-1-4799-4602-0 ©2014 IEEE (**2014**).

11.Oana Geman, Iuliana Chiuchisan, Andrei Coriolan Iuresi, Iulian Chiuchisan, Mihai Dimian, Anca Bosancu, Daniela Buliga, Mihai Covasa, *Intelligent system for a personalized diet of obese patients with cancer*, 2014 International Conference on Electrical and Power Engineering EPE 2014 Iaşi, 16-18 October 2014**,** http://www.epe.tuiasi.ro/2014/ (**2014**).

12. Iuliana Chiuchisan, Hariton Nicolae Costin, **Oana Geman**, *Adopting the internet of things technologies in health care systems*, 2014 International Conference on Electrical and Power Engineering EPE 2014 Iaşi, 16-18 October 2014**,** http://www.epe.tuiasi.ro/2014/ (**2014**).

13. Iuliana Chiuchisan, **Oana Geman**, *NeuroParkinScreen – A health care system for neurological disorders screening and rehabilitation*, 2014 International Conference on Electrical and Power Engineering EPE 2014 Iaşi, 16-18 October 2014**,** http://www.epe.tuiasi.ro/2014/ (**2014**).

14. Iuliana Chiuchisan, **Oana Geman**, Andrei Tomegea, Acquisition and Management of Biomedical Data using Internet of Things Concepts, International Symposium on Fundamentals of Electrical Engineering, Bucuresti, 28-29 noiembrie, http://isfee.elth.pub.ro/isfee2014/ (**2014**).

15.Oana Geman, Hariton Costin, *Role of environmental risk factors in Parkinson's disease: Bucovina region case study*, Environmental Engineering and Management Journal, http://omicron.ch.tuiasi.ro/EEMJ/accepted.htm, **IF 1.258**, (**2015**).

16. K Eftaxias, S Enshaeifar, **O Geman**, S Kouchaki, S Sanei, *Detection of Parkinson's tremor from EMG signals; a singular spectrum analysis approach*, Digital Signal Processing (DSP), 2015 IEEE International Conference on, 398-402, (**2015**).

17. MM Lungu, A Bosancu, **O Geman**, *Mini-review: Human Microbiome project—Recent trends and future challenges*, E-Health and Bioengineering Conference (EHB), (**2015**).

18. M Hăgan, A Constantinescu, **O Geman**, *Tremor analysis in neurological disorders using intelligent clothes*, E-Health and Bioengineering Conference (EHB), (**2015**).

19. I Chiuchisan, **O Geman**, M Prelipceanu, HN Costin, *HEALTH CARE SYSTEM FOR MONITORING OLDER ADULTS IN A" GREEN" ENVIRONMENT USING ORGANIC PHOTOVOLTAIC DEVICES*, Environmental Engineering & Management Journal (EEMJ) 15 (12), IF 1,096, (**2016**).

20. A Procházka, O Vyšata, M Schätz, H Charvátová, CPS Araujo, **O Geman**, *Video processing and 3D modelling of chest movement using MS Kinect depth sensor*, Computational Intelligence for Multimedia Understanding (IWCIM), (**2016**).

21. A Barleanu, M Hagan, **O Geman**, I Chiuchisan, *Wearable Ballistocardiography system for heartbeat detection*, Electrical and Power Engineering (EPE), (**2016**).

22. I Chiuchisan, **O Geman**, *Trends in embedded systems for e-Health and biomedical applications,* Electrical and Power Engineering (EPE), (**2016**).

23. O Geman, M Hagan, I Chiuchisan, *A novel device for peripheral neuropathy assessment and rehabilitation,* Electrical and Power Engineering (EPE), (**2016**).

24. RT Aldea, **O Geman**, I Chiuchisan, AM Lazar, *A comparison between healthy and neurological disorders patients using nonlinear dynamic tools,* Electrical and Power Engineering (EPE), (**2016**).

25. O Geman, I Chiuchisan, M Covasa, K Eftaxias, S Sanei, JGF Madeira, *Joint EEG—EMG signal processing for identification of the mental tasks in patients with neurological diseases,* Signal Processing Conference (EUSIPCO), 2016 24th European, 1598-1602, (**2016**).

26. MR Milici, **O Geman**, I Chiuchisan, LD Milici, *Graphical Method for Evaluating and Predicting the Human Performance in Real Time*, International Workshop Soft Computing Applications, 327-338, (**2016**).

27. **O Geman**, I Chiuchisan, M Covasa, C Doloc, MR Milici, LD Milici, *Deep Learning Tools for Human Microbiome Big Data*, International Workshop Soft Computing Applications, 265-275, (**2016**).

28. R Toderean, **O Geman**, I Chiuchisan, VE Balas, V Beiu, *Novel Method for Neurodegenerative Disorders Screening Patients Using Hurst Coefficients on EEG Delta Rhythm,* International Workshop Soft Computing Applications, 349-358, (**2016**).

29. I Chiuchisan, I Chiuchisan, **O Geman**, RM Milici, LD Milici, Tremor Measurement System for Neurological Disorders Screening, International Workshop Soft Computing Applications, 339-348, (**2016**).

30. O Geman, I Chiuchisan, M Covasa, Data mining and knowledge discovery tools for human microbiome big data, Computers Communications and Control ICCCC, (**2016**).

31. M Hagan, **O Geman**, A wearable system for tremor monitoring and analysis, Proceedings of the Romanian Academy Series A-Mathematics Physics Technical, (**2016**).

32. I Chiuchisan, DG Balan, **O Geman**, I Chiuchisan, I Gordin, A security approach for health care information systems, E-Health and Bioengineering Conference (EHB), 2017, 721-724, (**2017**).

33. S Sanei, **O Geman,** S Monajemi, K Eftaxias, D Jarchi, Cooperative learning for biomedical signal processing and recognition, E-Health and Bioengineering Conference (EHB), 2017, 687-692, (**2017**).

34. A Vasiliu, **O Geman**, Modern instruments for establishing the connection between the personalized intake of dietary supplements and chronobiology, E-Health and Bioengineering Conference (EHB), 2017, 675-678, (**2017**).

35. O Geman, I Chiuchisan, R Toderean, Application of Adaptive Neuro-Fuzzy Inference System for diabetes classification and prediction, E-Health and Bioengineering Conference (EHB), 2017, 639-642, (**2017**).

36.Otilia-Sanda Prelipceanu, Marius Prelipceanu, Nicolae Paraschiv, Alexandru Popa, **Oana Geman**, Investigations of Novel High-Temperature Resistant Polymers for Electro-Optical Applications in Signal Processing Systems, 2019/1 Jurnal Symmetry Volumul 11 Numărul 1 Pagini 60 **(Q2) (2019)**

37. D Jude Hemanth, J Anitha, Antoanela Naaji, **Oana Geman**, Daniela Elena Popescu, A Modified Deep Convolutional Neural Network for Abnormal Brain Image Classification, decembrie 2019 Jurnal IEEE Access Volumul 7 Pagini 4275-4283 Editor IEEE **(Q1) (2019)**

38. **OANA Geman**, O Postolache, IULIANA Chiuchisan, M Prelipceanu, D Jude Hemanth, An Intelligent Assistive Tool Using Exergaming and Response Surface Methodology for Patients With Brain Disorders, Published in: IEEE Access Page(s): 21502 – 21513 Date of Publication: 15 February 2019 Electronic ISSN: 2169-3536

DOI: 10.1109/ACCESS.2019.2898554 **(Q1) (2019)**

39. H. Elahi, A Castiglione, G Wang, **O Geman** A Human-Centered Artificial Intelligence Approach for Privacy Protection of Elderly App Users in Smart Cities, Neurocomputing, (**2020**) article Q1

40. N Kim-Soon, AI Abdulmaged, SA Mostafa, MA Mohammed, FA Musbah, **O. Geman**, A framework for analyzing the relationships between cancer patient satisfaction, nurse care, patient attitude, and nurse attitude in healthcare systems, Journal of Ambient Intelligence and Humanized Computing, 1-18   2   **2020**, article Q1

41. KH Abdulkareem, MA Mohammed, A Salim, M Arif, **O Geman**, D Gupta, Realizing an Effective COVID-19 Diagnosis System Based on Machine Learning and IOT in Smart Hospital Environment, IEEE Internet of Things Journal, **2020**, article Q1

42. Dr. Rajesh Kumar Dhanaraj, Dr. Lalitha Krishnasamy, Dr. **Oana Geman**, and Diana Roxana Izdrui, Black Hole and Sink Hole Attack Detection in Wireless Body Area Networks, CMC] SI:AI, IoT, Blockchain Assisted Intelligent Solutions to Medical & Healthcare, **2020**, article Q1

43. Adrian Brezulianu, Octavian Postolache, Guojun Wang, Iuliana Chiuchisan, Muhammad Arif, **Oana Geman**, Epidemiologic Platform — Simulation of the Epidemiological Evolution for a Specific Pathology Using Integrated Epidemiological Modeling and GIS, [CMC] SI:AI, IoT, Blockchain Assisted Intelligent Solutions to Medical & Healthcare, **2020,** article Q1

44. M Hnatiuc, **O Geman**, D Vicoveanu, G Motru, Aquatic Drone Control Using Inertial Sensors-Comparative Filtering Methods, 2020 IEEE 19th International Conference on Trust, Security and Privacy in Computing and Communications (TrustCom), 2014-2020, **2020** ISI Proceedings

45. M Arif, G Wang, VE Balas, **O Geman**, A Castiglione, J Chen, SDN based communications privacy-preserving architecture for vanets using fog computing, Vehicular Communications 26, 100265 5 **2020**, article Q1

46. M Arif, J Chen, G Wang, **O Geman**, VE Balas, Privacy preserving and data publication for vehicular trajectories with differential privacy, Measurement, 108675 **2020**, article Q1

47. Y Dai, G Wang, J Dai, **O Geman**, A multimodal deep architecture for traditional Chinese medicine diagnosis, Concurrency and Computation: Practice and Experience 32 (19), e5781 2, **2020**

48. O Postolache, **O Geman** , DJ Hemanth, R Alexandre, D Gupta, A Khanna Remote monitoring of physical rehabilitation of stroke patients using IoT and virtual reality, IEEE Journal on Selected Areas in Communications 39 (2), 562-573 4 **2020**, article Q1

49.. Q Khan, T Mahmood, K Hayat, M Arif, E Balas, Valentina, **O Geman**, Application of Single-Valued Neutrosophic Power Maclaurin Symmetric Mean Operators in MADM, Part of the Advances in Intelligent Systems and Computing book series **2020**

50. A Brezulianu, C Aghion, M Hagan, O **Geman**, I Chiuchisan, AL Balan, Active Control Parameters Monitoring for Freight Trains, Using Wireless Sensor Network Platform and Internet of Things, Processes 8 (6), 639 1 **2020**, article Q2

51. H Elahi, **O Geman**, Recent Healthcare Information Breaches and their Lessons, Archives of Surgical Research 1 (3), 17-23 **2020**

52. M Arif, G Wang, **O Geman**, VE Balas, P Tao, A Brezulianu, J Chen, SDN-based vanets, security attacks, applications, and challenges, Applied Sciences 10 (9), 3217 11 **2020**, article Q2

53. M Arif, G Wang, T Peng, VE Balas, **O Geman**, J Chen, Optimization of communication in VANETs using fuzzy logic and artificial Bee colony, Journal of Intelligent & Fuzzy Systems, 1-13 6 **2020**

54. F Yoseph, NH Ahamed Hassain Malim, M Heikkilä, A Brezulianu, **O. Geman**, The impact of big data market segmentation using data mining and clustering techniques, Journal of Intelligent & Fuzzy Systems, 1-15 1 **2020**

55. Prelipceanu, Otilia-Sanda; Prelipceanu, Marius; Paraschiv, Nicolae; Popa, Alexandru; **Geman, Oana**; ,Investigations of Novel High-Temperature Resistant Polymers for Electro-Optical Applications in Signal Processing Systems, Symmetry,11,1,60, **2020**, Multidisciplinary Digital Publishing Institute, article Q2

2021

56. Serious Games used in Rehabilitation of Patients with Osteoarthritis
O Geman, I Chiuchisan, D Vicoveanu
2021 International Conference on e-Health and Bioengineering (EHB), 1-5

57. A human-centered artificial intelligence approach for privacy protection of elderly App users in smart cities
H Elahi, A Castiglione, G Wang, O **Geman**

Neurocomputing 444, 189-202

58. Biomedical Engineering Tools for Management for Patients with COVID-19

VE Balas, O **Geman**, G Wang, M Arif, OA Postolache

Academic Press

59. Privacy preserving and data publication for vehicular trajectories with differential privacy

M Arif, J Chen, G Wang, O **Geman**, VE Balas

Measurement 173, 108675

60. Realizing an effective COVID-19 diagnosis system based on machine learning and IOT in smart hospital environment

KH Abdulkareem, MA Mohammed, A Salim, M Arif, O **Geman**, D Gupta, ...

IEEE Internet of Things Journal 8 (21), 15919-1592

61. DAHP–TOPSIS-Based Channel Decision Model for Co-Operative CR-Enabled Internet on Vehicle (CR-IoV)

M Arif, VD Kumar, L Jayakumar, I Ungurean, D Izdrui, O **Geman**

Sustainability 13 (24), 13966

62. Intelligent systems and computational methods in medical and healthcare solutions with their challenges during COVID-19 pandemic

MA Mohammed, MS Maashi, M Arif, MK Nallapaneni, O **Geman**

Journal of Intelligent Systems 30 (1), 976-979

63. Virtual reality and augmented reality technologies for smart physical rehabilitation

O Postolache, J Monge, R Alexandre, O **Geman**, Y Jin, G Postolache

Advanced Systems for Biomedical Applications, 155-180

64. Smart sensing systems for in-home health status and emotional well-being monitoring during COVID-19

DR Izdrui, MG Hagan, O **Geman**, O Postolache, R Alexandre

Biomedical Engineering Tools for Management for Patients with COVID-19, 173-186

65. Black hole and sink hole attack detection in wireless body area networks

RK Dhanaraj, L Krishnasamy, O **Geman**, DR Izdrui

Computers, Materials & Continua 68 (2), 1949-1965

66. Human signature identification using IoT technology and gait recognition

M Hnatiuc, O **Geman**, AG Avram, D Gupta, K Shankar

Electronics 10 (7), 852

67. Epidemiologic evolution platform using integrated modeling and geographic information system

A Brezulianu, O **Geman**, M Arif, I Chiuchisan, O Postolache, G Wang

Computers, Materials and Continua, 1645-1663

2022

68. State of the Art Techniques for Water Quality Monitoring Systems for Fish Ponds Using IoT and Underwater Sensors: A Review

M Manoj, V Dhilip Kumar, M Arif, ER Bulai, P Bulai, O **Geman**

Sensors 22 (6), 2088, 2022

69. An Improved COVID-19 Detection using GAN-Based Data Augmentation and Novel QuNet-Based Classification

U Asghar, M Arif, K Ejaz, D Vicoveanu, D Izdrui, O **Geman**

BioMed Research International 2022

70. An Energy-Efficient Framework for WBAN in Health Care Domain

N Ahmad, B Shahzad, M Arif, D Izdrui, I Ungurean, O **Geman**

Journal of Sensors 2022

71. Automated Detection of Nonmelanoma Skin Cancer Based on Deep Convolutional Neural Network

M Arif, FM Philip, F Ajesh, D Izdrui, MD Craciun, O **Geman**

Journal of Healthcare Engineering 2022

72. Brain Tumor Detection and Classification by MRI Using Biologically Inspired Orthogonal Wavelet Transform and Deep Learning Techniques
M Arif, F Ajesh, S Shamsudheen, O **Geman**, D Izdrui, D Vicoveanu
Journal of Healthcare Engineering 2022

73. Call for Special Issue Papers: Deep Learning Blockchain-enabled Technology for Improved Healthcare Industrial Systems
MA Mohammed, S Kadry, O **Geman**
Acta Informatica Pragensia 11 (1) 2022

74. A framework for analyzing the relationships between cancer patient satisfaction, nurse care, patient attitude, and nurse attitude in healthcare systems
N Kim-Soon, AI Abdulmaged, SA Mostafa, MA Mohammed, FA Musbah, ..., **Geman** Oana
Journal of Ambient Intelligence and Humanized Computing 13 (1), 87-104, 2022

BOOKS

1. **Geman** (Voroneanu) **Oana**, Teodorescu Horia-Nicolai, Zbancioc Marius, SYSTEMS BASED ON KNOWLEDGE. APPLICATIONS, Performantica Publishing House, 294 pages, ISBN 973-730-014-9, Iaşi, 2004.
2. **Geman Oana**, George Mahalu, Marius Prelipceanu, APPLICATIONS IN VRML, MATRIXROM Publishing House, 285 pages, ISBN 978-606-250-039-9, 2014.
3. **Geman Oana**, Roxana Toderean, ELEMENTS OF NON-LINEAR ANALYSIS AND MODERN METHODS OF PROCESSING BIOMEDICAL SIGNALS, PIM Publishing House; 174 pages, ISBN 978-606-13-3659-3, 2017.
4. **Geman Oana**, Roxana Toderean, FROM EXPERT SYSTEMS TO INTELLIGENT SYSTEMS, WITH APPLICATIONS IN MEDICINE, PIM Publishing House, 165 pages, ISBN 978-606-13-3660-9, 2017.
5. **Geman Oana**, Marius Prelipceanu, Iuliana Chiuchişan, Applications of Bioengineering in Medical Recovery, PIM Publishing House, 170 pages, ISBN 978-606-13-4925-8, 2019.
6. Marius Prelipceanu, **Oana Geman**, Numerical methods for analyzing experimental data, Ed. StudIS, 62 pages, ISBN 978-606-48-0228-6, 2019.
7. Shoumen Palit Austin Datta, **Oana Geman**, Internet of Things (IoT) is a metaphor, PIM Publishing; ISBN 978-606-13-5821-2, 378 pages, 2020.
8. SCHIPOR Ovidiu-Andrei, **GEMAN Oana**, CHIUCHISAN Iuliana, COVASA Mihai, From Fuzzy Expert System to Artificial Neural Network: Application to Assisted Speech Therapy, in "Artificial Neural Networks: Models and Applications", Publishing House InTech, ISBN: 978-953-51-2705-5, 28 pages, 2016.
9. **Oana Geman**, Octavian Postolache, Iuliana Chiuchisan, Mathematical Models Used in Intelligent Assistive Technologies: Response Surface Methodology in Software Tools Optimization for Medical Rehabilitation, Recent Advances in Intelligent Assistive Technologies: Paradigms and Applications, pp. 83-110, Springer, 2019.
10. S Sanei, S Monajemi, A Rastegarnia, **O Geman**, OS Hen,nMultitask Cooperative Networks and their Diverse Applications, Chapter 15 of Learning Approaches in Signal Processing, ISBN 9789814800501 - CAT# K416493 Edited by Wan-Chi Siu, Lap-Pui Chau, Liang Wang, Tieniu Tan By Pan Stanford Publisher, https://www.crcpress.com/Learning-Approaches-in-Signal-Processing/Ring-Siu-Chau-Wang-Tang/p/book/9789814800501, Published November 28, 2018.
11. Datta, Shoumen, Brittany Newell, James Lamb, Yifan Tang, Patrick Schoettker, Catherine Santucci, Theresa Gräfin Pachta, Sanjay Joshi, **Oana Geman**, Diana C. Vanegas, Carmen Gomes, Pramod P. Khargonekar, Molood Barati and Eric Scott McLamore (2020): Aptamers for Detection and Diagnostics (ADD) is a proposed mobile app acquiring optical data from conjugated quantum nanodots to identify molecules indicating presence of SARS-CoV-2 virus: Why public health and healthcare need smartphone sensors as a platform for early detection and prevention. ChemRxiv. Preprint. https://doi.org/10.26434/chemrxiv.13102877.v26
MIT Library https://dspace.mit.edu/handle/1721.1/128017

The autonomy and visibility of the scientific activity

(1) Six **books**, more than 100 **peer-reviewed publications** (as a main author), more than 40 abstracts and 52 **conference proceedings** (and oral presentation).

(2) Director of 6 **research and mobility grants**, permanent member of 10 national and international research grants

- Intelligent Techniques for Medical Applications using Sensor Network, PN-III-P3-3.1-PM-RO-CN-2018-0068, Romanian – China Grant, 100 000EUR (**grant director**).
- *The Use of Nonlinear Methods and Parameters in Knowledge Based Systems, with Medical Applications*, Research Grant with CNCSIS (National Council for Scientific Research from Superior Education), no. 33557/2003, type AT, code 76, theme 46, 2001-2003, buget aprox. 11364EUR. (**grant director**).
- *Knowledge-based system for determining eligibility of haemodynamically of heart valves for the subjects undergoing surgery for mitral prosthesis*, CNCSIS code 184, type TD, 2003-2005, buget aprox. 8000EUR (**grant director**).
- *The relationship between gut microbiota and the host with application in the prevention and control of type 2 diabetes, COMPETITIVENESS OPERATIONAL PROGRAMME 2014-2020 PRIORITY AXIS 1 – RESEARCH, TECHNOLOGICAL DEVELOPMENT AND INNOVATION* (RD&I) TO SUPPORT ECONOMIC COMPETITIVENESS AND BUSINESS DEVELOPMENT, buget aprox. 2 billion EUR (permanent team member) .
  Analysis of novel risk factors influencing control of food intake and regulation of body weight, PNII 48/2013-2016 (permanent team member), http://eed.usv.ro/idei_48/index_en.html
- Romanian Academy Priority Research Grant– 2004: COGNITIVE SYSTEMS AND APPLICATIONS, Theme: *Cognitive Systems based on Neuro-Fuzzy Techniques, Data Mining and Knowledge Discovery*; Applications, Phase I and II, 2004 (permanent team member).
- *System for the Analysis and the Prediction of the Genomic Sequences based on Neuro-Fuzzy Data-Mining*, Research Grant with CNCSIS (National Council for Scientific Research from Superior Education), type TD, 2004, code 149, theme 99, (permanent team member).
- Romanian Academy Priority Research Grant– 2003: Cognitive Systems based on Neuro-Fuzzy Techniques, Data Mining and Knowledge Discovery; Applications, Theme 2: *Cognitive Systems based on Neuro-Fuzzy Techniques and Applications in Speech Analysis and Synthesis and in Genomics and Theoretically Progresses for Stability Analysis of Dynamic Fuzzy Systems and Rigorous Conditions of Dynamics for Fuzzy Systems*, (GAR 155/2003), permanent team member).
- *Boinstrumental complex biopsychic status assessment of the persons performing under stress*, research contract at no. 67/2002, (permanent team member).
- *Poetic Arts: Universality of Aesthetic Experience in Individual Contexts (PoeticA) – Neuroaesthetics and ECG, EEG&fMRI signal processing EEA GRANT, COLLABORATIVE REASEARCH GRANT, HTTPS://UEFISCDI.GOV.RO/EEA-GRANTS-COLLABORATIVE-RESEARCH-PROJECTS, 2020-2022, 1,200,000EUR (permanent member)*
- *Neuroaesthetics Curriculum and Module (ECG, EEG&fMRI signal processing) ANPCDEFP SEE 2014-2021 ROMANIA-NORWEGIAN GRANT 2020-2021 (senior researcher)*
- *Epidemiological Platform – Simulation of the Epidemiological Evolution for a Specific Pathology Using Integrated Epidemiological Modeling and GIS CENTRIC, 2020-2022 (technical manager).*
- ***Project Director***, *Research mobility Grant, cod PN-III-P1-1.1-MC-2019-0240, Contract nr. 51 din 08/08/2019.*
- ***Project Director***, *Research mobility Grant, cod PN-III-P1-1.1-MC-2018-0828, 2018.*
- ***Project Director***, *Research mobility Grant,* cod PN-III-P1-1.1-MC-2017-1535, Contract nr. 14570/18.12.2017.
- ***VIVAET,2022 Empathic Identities of Virtual Agents/AI, NGI Explorer Grant, permanent member:*** ***https://neuroaestheticslab.usv.ro/vivaet/team/***

- ***Expert** piloting activities in the project POCU / 379/621, SMIS Code 2014-124981, "Increasing the quality of study programs by training human resources and promoting entrepreneurial culture among students", 2019-2020*

(3) total number of citations: approx. 1380 citation, h-index 20 (Google Academic)

(4) international **prizes**: IEEE International Neural Network Travel Grant (IJCNN'2004 Conference Student Paper Award)

(5) **Reviewer** for peer reviewed journals and International Conference Proceedings: International Journal of Telemedicine and Application, Advances in Electrical and Computer Engineering, ECAI Proc., DAS Proc., EUSIPCO Proc., ECIT Proc., EHB Proc., ISFEE Proc., IJCCC Journal, ICSTCC Proc., EPE Proc., Computer Methods and Programs in Biomedicine Journal, Neural Computing and Applications Journal, etc.

(6) **Member in**: The Center for Research in Fuzzy Systems, Intelligent Systems and Biomedical Engineering – CERFS, Society for Neuroscience, IEEE International Neural Network Society, Anti-Parkinson Romanian Association, etc.

Researcher associated with the Integrated Research, Development and Innovation Center for Advanced Materials, Nanotechnologies and Distributed Manufacturing and Control Systems "(MANSiD), Financing Agreement no. 671 / 09.04.2015, until 2017.

RECENT PROFESSIONAL ACTIVITIES

1.　Special Issue Editor

MDPI Sensors (SCI & EI Indexed, Impact Factor: 3.275). Special Issue on Smart Sensors, Big Data Analytics and Modeling in Healthcare and Personalized Medical Applications.
https://www.mdpi.com/journal/sensors/special_issues/Smart_Sensors_Healthcare_Medical_Applications, 2020

Special Issue "Computational Intelligence for Internet of Medical Things and Big Data Analytics", in Intelligent Automation and Soft Computing IASC, 2020
https://www.techscience.com/iasc/special_detail/computational-intelligence

Special Issue Intelligent Systems And Computational Methods In Medical And Healthcare Solutions With Its Challenges During Covid-19 Pandemic In Journal Of Intelligent Systems De Gruyter. www.degruyter.com/view/journals/jisys/jisys-overview.xml, 2020

Special Issue Title:
Deep Learning for Internet of Anesthesia, Intensive Care, Emergency and Pain Medicine Signa Vitae
https://www.signavitae.com/special-issues/1362678803896123392

Associate Editor
Springer Journals Editorial Office

Journal of Ambient Intelligence and Humanized Computing
https://www.editorialmanager.com/aihc/

2.　Editor of books

Biomedical Engineering Tools used for the Management of Patients with Coronavirus Disease 2019 (COVID-19)
https://www.elsevier.com/books/biomedical-engineering-tools-for-management-for-patients-with-covid-19/balas/978-0-12-824473-9

Editors: Valentina Balas **Oana Geman** Guojun Wang Muhammad Arif Octavian Postolache
Paperback ISBN: 9780128244739
Imprint: Academic Press
Published Date: 1st June 2021
Page Count: 332

Biomedical Engineering Applications for People with Disabilities and Elderly in a New Covid-19 Pandemic and Beyond)
ISBN-13: 978-0323851749
ISBN-10: 0323851746
in press
https://www.amazon.com/Biomedical-Engineering-Applications-Disabilities-COVID-19/dp/0323851746
https://easychair.org/cfp/BET-COVID19
by Valentina Emilia Balas (Editor), **Oana Geman** (Editor)

Data Visualization and Knowledge Engineering
https://ro.scribd.com/document/422633101/Jude-Hemanth-Madhulika-Bhatia-Oana-Geman-Editors-Data-Visualization-and-Knowledge-Engineering-Spotting-Data-Points-Wi
Data-Visualization-and-Knowledge-Engineering
Jude Hemanth, Madhulika Bhatia, **Oana Geman** (Editors)
2019

3. *Conference Organizer*

General Chair of Conference: Neuroaesthetics: A Methods-Based Introduction, 24-26 June 2022, University of Suceava, The Neuroaesthetics Lab, Suceava, Romania, https://neuroaestheticslab.usv.ro/2022/03/26/conference-call-24-26-june-2022-neuroaesthetics-a-methods-based-introduction-university-of-suceava-the-neuroaesthetics-lab-suceava-romania/

Program Chair of The 2020 International Workshop on Smart Technologies for Intelligent Transportation and Communications (SmartITC 2020) https://www.arif-muhammad.com/smartitc2020/

General Chair of The 9th International Workshop on Assistive Engineering and Information Technology (AEIT 2019) Guangzhou, China, November 12-15, 2019, http://www.isci-conf.org/aeit2019/

Session Chair of International Symposium on Sensors and Instrumentation in IoT Era August 29-30, 2019, Lisbon, Portugal, https://sens-in-net.tech/

4. *Conference PC Membership/ Session Chairs*

International Organizer Committee Member for SOFA 2016 Aurel Vlaicu University Arad, Romania. (http://sofa2016.org/index.html)

PC member of SOFA 2018, ARAD, Romania. 8th international workshop on soft computing application, Arad, Romania (http://sofa2018.org/index.html)

PC member of SOFA 2020 ARAD, Romania. 9th international workshop on soft computing application, Arad, Romania (http://sofa2020.org/index.html)

Session Chair: 2020 SOFA ARAD, Romania. 9th international workshop on soft computing application, Arad, Romania (http://sofa2020.org/index.html)

Invited Speaker: *The Sixth Euro-China Conference on Intelligent Data Analysis and Applications (ECC2019) Arad-Romania*
October 15-18 2019 ARAD - ROMANIA
https://www.ecc2019.ro/dr-oana-geman/

Session Chair: 2019 iSCI Guangzhou, China
http://www.iSCI-Conf.org/iSCI2019/
Invited Speaker: *http://ieee-trustcom.org/share2020/AdvanceProgram.pdf*
Session TrustCom 2020 Invited Talks -2
Chair: Prof. Tao Peng, Guangzhou University, China
08:00-12:20, December 29 (Tuesday) Room 7
Invited Speaker 7: Prof. Oana Geman, University of Suceava, Romania

Invited Speaker:
The Third International Conference on Smart Vehicular Technology, Transportation, Communication and Applications
https://www.vtca2019.ro/invited-speakers/

Keynote Speaker: The Second International Symposium on Dependability in Sensor, Cloud, and Big Data Systems and Applications (DependSys 2017), Nov. 12-16, Guangzhou, China

General Chair: The 9th International Workshop on Assistive Engineering and Information Technology (AEIT 2019) Guangzhou, China, November 12-15, 2019
http://www.isci-conf.org/aeit2019

Program Committee: The 9th International Workshop on Assistive Engineering and Information Technology (AEIT 2019) Guangzhou, China, November 12-15, 2019
http://www.isci-conf.org/aeit2019

Invited Speaker 1: Associate Professor Oana GEMAN, Stefan cel Mare University, Romania
Title: Big Data Analysis and Applications in Biomedical Field
http://www.isci-conf.org/aeit2019/
iSCI 2019
The 7th International Conference on Smart City and Informatization (iSCI 2019)
Guangzhou, China, November 12-15, 2019
http://www.iSCI-Conf.org/iSCI2019/
and Program Committee iSCI 2019

Invited Teacher at Guahgzhou University, China 2019:
http://www.gzhu.edu.cn/info/1071/5509.htm

Key Note Speaker – Indo-Italy One Week International Virtual Workshop on Research Methodology, Series 04, September 2021, Problems Based Learning Course

Invited Speaker – IEEE IMS Workshop Sensing Art, EEG - Acquisition and Signal Processing, May 2021, Lisbon, Portugal: https://ieee-imspt.org/2021/05/21/ieee-ims-workshop-sensing-art/

IEEE INNS Member from 2005, ACM Member from 2020, IEEE Women in Engineering WIE from 2005, IEEE Bioengineering, IEEE Senior Member from 2020, The International Federation for Medical and Biological Engineering (IFMBE), a Non-Governmental Organization (NGO) for the United Nations and the World Health Organization (WHO) - Clinical Division Member from 2019.

5.   *Reviewer for Journals/ Conference*

- *MDPI Journals: Sensors, Symmetry*
- *Plos One Journal*
- *Frontier of Information Technology and Electrical Engineering*
- *International Journal of Advances in Intelligence Paradigm*
- *International Journal of Computational Engineering System*
- *Computers in Human Behavior*
- *IEEE Transactions on Fuzzy Systems*
- *Journal of Intelligent and Fuzzy Systems*
- *Applied Informatics*
- *Neural Computing and Application*
- *IEEE INNS*
- *IEEE Sensor: Sensor Journal*
- *ACCESS: IEEE ACCESS Journal*
- *Neurocomputing Journal*
- *SOFA Conference*
- *ISSI Conference*
- *EHB Conference*
- *EPE Conference*
- *EUSIPCO Conference*
- *DSP Conference*
- *ACM*
- *Neural Computing and Applications*
- *Journal of Information Systems*
- *IEEE Transactions on IoT*

OTHER SKILLS AND COMPETENCES

- *High Impact Communication, Personal Presentation, GeneSys courses 2.3.2. (MSD)*
- *Leadership Effectiveness Training (MSD)*
- *Emotional Intelligence and Neurolinguistic Programming (GSK) Courses*
- *Time Management (GSK)*
- *Key Account Management (GSK)*
- *Hospital Selling and Influencing skills (GSK)*
- *Communication courses (MBA CODECS)*
- *Trainer Course (USV)*
- *Didactic courses for teaching technical disciplines (UPB in Alba-Iulia, Predeal 2012, UTC, Cluj, 2014, UVT, Timisoara, 2020): Brain-based learning-BBL, Problems Based Learning-PBL, Blended learning, Learning methods adapted to the online environment, etc.*
- *International expert for Grant Evaluation (Qatar National Research Foundation QNRF, Agenzia Nazionale di Valutazione del Sistema Universitario e della Ricerca Valutazione della Qualità della Ricerca, Italy)*
- *International expert for Ph.D. Thesis evaluation*

All these courses and the experiences gained in previous jobs have helped me to improve or acquire the following behaviors:
1. Involvement and development of people (building relationships, teamwork, developing people);
2. People management (influence, confidence building, and communication);
3. Innovative thinking (searching for information, creating solutions, flexible thinking);
4. Achieving excellence (facilitating and leading change, continuous improvement, focus on win-win collaboration).

HOBBIES

Books, Movies, Classical Music, Swimming, Latin American Dance & Tango, Rock and Mountain Climbing, Photography.

My research work has been highly collaborating with several laboratory teams: from Technical University, Iasi, Romania, Prof. Dr. **Horia-Nicolai Teodorescu**. In addition, I have developed strong research and intellectual relationship at various levels with other scientists such as Prof. **Saeid Sanei** - Reader in Neurocomputing at the University of Surrey, United Kingdom, Prof. **Ioan Petre** - Professor of Computer Science and Head of the Computer Science Programme at Åbo Akademi University, Finland, Prof. **Aleš Procházka**, Prof. **Oldřich Vyšata** (neurologist), Institute of Chemical Technology, Czech Republic, Prof. **Octavian Postolache** from ISCTE –IUL University Institute of Telecommunication Lisbon, Portugal, **Karsten Specht**, Professor at the Department of Biological and Medical Psychology, University of Bergen, head of the Bergen fMRI Group, Prof. **Guojun Wang**, Dean and Pearl River Scholarship Distinguished Professor of Higher Education in Guangdong Province, Guangzhou University, Prof. **Shoumen Datta** from Massachusetts Institute of Technology, USA, Dr. **BeiBei Song** from Stadford University, USA.

NAMES AND CONTACT INFORMATION FOR REFEREES

Professor Saeid Sanei (Profesor in Computer Science, a of British Computer Society, is a professor of signal processing and machine learning and Leader of Cognitive Computing & Brain Informatics (CCBI) Group. He is the Module Coordinator and Instructor for Wireless Communication (MSc) and Digital Control (MSc) modules. He is the TILT Chair in Machine Learning and the Computer Science Department PhD Research Coordinator, Nottingham Trent University, UK).
Email: saeid.sanei@ntu.ac.uk
Homepage: https://www.ntu.ac.uk/staff-profiles/science-technology/saeid-sanei

Professor Aleš Procházka (Senior member IEEE**,** Head of the Digital Signal and Image Processing Research Group**,** University of Chemistry and Technology, Prague**,** Faculty of Chemical Engineering**,** Department of Computing and Control Engineering, Prague, Czech Republic).
Email: A.Prochazka@ieee.org
Homepage: http://uprt.vscht.cz/prochazka/prochaz.e.htm

Professor Guojun Wang (Pearl River Scholarship Distinguished Professor of Higher Education in Guangdong Province, the Director of Institute of Computer Networks at Guangzhou University, Chinese Most Cited Researchers (Computer Science) by Elsevier in the past eight consecutive years (2014-2021), his h-index is 60 (as of the date June 18, 2022), an Adjunct Professor at Temple University, USA).
Email: csgjwang@gzhu.edu.cn csgjwang@163.com
Homepage: http://trust.gzhu.edu.cn/faculty/~csgjwang/index.html

Dr Shoumen Palit Austin Datta is a senior member of the Auto ID Labs and MIT Affiliate at the School of Engineering at MIT. He is the former Senior Vice President of the Industrial Internet Consortium (2013-2016) and Co-Founder and Executive/Research Director of the MIT Forum for Supply Chain Innovation (2001-2009) at the MIT School of Engineering, USA.
Email: shoumen@mit.edu
Homepages: http://bit.ly/SD-BIO and http://bit.ly/MIT-IOT.

July 22, 2022   **Associate Prof. GEMAN OANA**