

Gancho Vachkov graduated from the Technical University in Sofia, Bulgaria in 1970 as Engineer in *Automatics and Telemechanics*. He worked in the University of Chemical Technology and Metallurgy from 1970 till 1996, Department of Automation of Industry. He defended his Ph.D. in 1978 and became Associate Professor in 1988.

From 1996 G. Vachkov moved to Japan for a long term career and worked there until 2012 in the following 4 Universities: Kitami Institute of Technology, Assoc. Professor (1996-1998); Nagoya University, Micro System Engineering, Professor (1998 – 2002); Kagawa University, Dept. of Reliability and Information System Engineering , Guest Professor (2002 – 2012); Yamaguchi University, Senior Researcher (2011-2012).

During the period 2012 – 2015 he worked as Professor and Visiting Professor in the University of the South Pacific (USP), School of Engineering and Physics in Suva, Fiji Islands. Then, from 2016 till February 2021 he worked as Professor and Visiting Professor in Baku Higher Oil School (BHOS), Department of Process Automation Engineering, Baku, Azerbaijan. Currently Gancho Vachkov is a retired Professor and is involved in research and teaching activities in a Technical High School in Sofia, covering the area of Algorithms, Programing and Artificial Intelligence.

The research interests of G. Vachkov are mainly focused on fields of Soft Computing, Computational Intelligence, Intelligent Control, Learning Algorithms for Identification and Anomaly Detection in Large Industrial Systems, Intelligent methods for Detection of Deterioration and Fault Diagnosis of Complex Systems, Intelligent Data Analysis, Data Compression and Decision Making, Unsupervised and Supervised methods for Clustering and Classification of Data Sets, Evolving Systems.

G. Vachkov is a member of IEEE since 1998 and Life IEEE Member since January 2023. He has participated in more than 120 International Conferences with paper presentations as well as a Plenary or Keynote Speaker and has served as a Program Committee Member of several dozens of International Conferences in the area of his research interests. In overall, he has authored and co-authored about 250 publications in peer-reviewed International Journals and International Conferences and is author of 7 International Patents.