

# IEEE Young Professionals Affinity Group - Bulgaria

## List of Nominations pending election by founder's Nomination Committee

### CANDIDATES FOR POSION OF YP AG CHAIR



**Yancho Todorov** was born in 1981 in city of Plovdiv, Republic of Bulgaria. In 2003, he graduated the Bachelor's degree in Department of Control Systems, at the Faculty of Electronics and Automation, the Technical University-Sofia, branch Plovdiv, Bulgaria in subject of "Automation, Information and Control Systems". Afterwards, he continued his education in the Master degree at the same subject and graduated in 2005. During his studies, he specialized in intelligent control methods, theory and applications.

In 2010, he defended a Ph.D. thesis, concerning the application of Predictive Control on Lyophilization plants in Institute of Cryobiology and Food Technologies part of Agricultural Academy of Bulgaria. In the period 2009-2013, he was an Assistant Professor in the same institute. From the beginning of 2013, he is with the Institute of Information and Communication Technologies, Bulgarian Academy of sciences in the Department of "Intelligent systems" carrying out research work in the field of intelligent control.

Currently, he serves as **Chair Interim**, during the procedure for registration of **IEEE Young Professionals Affinity Group of Bulgaria**.



**Vladimir Kotev** was born in 1976 in city of Sliven, Bulgaria. He received a Master degree in Mechanical engineering from the Technical University Sofia in 2002. Afterwards, he received a doctoral degree in 2008 in subject of Biomechanics from the Institute of Mechanics - BAS, Bulgaria.

In the period 2011-2013 he was a postdoctoral researcher in medical robotics at the Kawasaki and Mouri laboratory at Gifu University - Japan. Dr. Kotev was a postdoctoral fellow at the Institute of Information and Communication Technology (IICT) - BAS, Bulgaria from 2013 to 2015, as well.

His research works are dedicated to design, dynamics, simulation and control of robots and mechatronic systems with industrial and biomedical applications.

Currently, Dr. Kotev is an assistant professor at the Mechanics of Discrete Systems Department at the Institute of Mechanics - Bulgarian Academy of Science. He has 49 scientific papers, as well as in a patent.

Vladimir is one of the founders of **IEEE Young Professionals Affinity Group of Bulgaria**.

## CANDIDATES FOR POSION OF YP AG VICE-CHAIR



**Delyan Genkov** was born in 1969 in town of Troyan, Bulgaria. He received a Master degree in Computer engineering from the Technical University Gabrovo in 1995, and a doctoral degree in 2010 in subject of Computer systems, complexes and networks from the same university.

Dr. Genkov was the first Cisco Networking Academy instructor in Bulgaria since 1999. Now he is Instructor Trainer, Academy Instructor and Main Contact of the Cisco Networking Academy and Instructor Training Center at the Technical University – Gabrovo.

He holds many world-recognizable certifications in the field of Computer networks and systems. His research works are dedicated to Computer Networks, Internet technologies and Network Security.

Currently, Dr. Genkov is an associate professor in Computer Systems and Technologies Department at the Technical University of Gabrovo. He is author or co-author of 37 scientific papers, including a textbook and two study guides.

Delyan is one of the founders of **IEEE Young Professionals Affinity Group of Bulgaria.**



**Boyan Sotirov** was born in 1982 in city of Dupnitsa, Bulgaria. Consecutively, he received the B.Sc and M.Sc. degrees in the subject of Radio Communications from the Technical University-Sofia, Bulgaria.

He possesses a wide experience working in the business sector of Communications. In the period 2005-2013 he has held different positions in GiTy Bulgaria and Siemens Enterprise Communications, Bulgaria as technician and service engineer. Currently, he works as Senior Service Engineer at UNIFY, Bulgaria.

His interests are in the fields of IP Networking, Telecommunications, Internet of Things, Specialized Networks and Applications and Embedded Systems.

Boyan is one of the founders of **IEEE Young Professionals Affinity Group of Bulgaria.**

## CANDIDATES FOR POSION OF YP AG SECRETARY



**Gergana Lazarova** was born in Plovdiv and studied at the High Mathematical School of Plovdiv "Akad. Kiril Popov". Since high school, she has had interest in new technologies and innovations.

She graduated from Sofia University "St. Kliment Ohridski" - master of informatics (Artificial Intelligence). Currently, Gergana is a PhD student and a teaching assistant at Sofia University and specializes in the field of semi-supervised learning and data mining.

She thinks that the future of state-of-the-art innovations lies in the processing of "Big Data", extracting hidden patterns and information. Gergana is also working as a C++ software engineer and a mathematician in the casino gambling industry, which gives her the opportunity to combine both a scientific and private sector career.

Gergana is one of the founders of **IEEE Young Professionals Affinity Group of Bulgaria**.



**Krasimir Tonchev** was born in 1981 in Svilengrad, Bulgaria. He received the B.Sc and M.Sc. degrees in the subject of Telecommunications and Computer Vision respectively from the Technical University-Sofia, Bulgaria. Currently, he is PhD student in the same university and also pursuing his second Master degree in Applied Mathematics in Faculty of Mathematics and Informatics, Sofia University.

He has strong experience in the field of image processing including development of algorithms for Nokia camera phones and also participated in multiple European projects for innovation in the field of forensics and e-Health. He has led the development of multiple computer vision systems implemented in the industry.

The area of his research interests includes Computer Vision, Image Processing, Brain-Computer and Human-Computer interface, Mathematical Optimization.

Krasimir is one of the founders of **IEEE Young Professionals Affinity Group of Bulgaria**.

## CANDIDATES FOR POSION OF YP AG TREASURER



**Angel Marchev, Jr.** considers himself a fusion of thought explorer and a digital native. He is also a coeval and a very good friend to the personal computer for the last 35 years.

Angel has graduated in finance at the University for National and World Economy as a merit student. He later finished master degree in corporate finance at the Burgas Free University. He pursued a career as a Bank analyst but found it is too formalistic and not enough challenging. Marchev Jr. has at least five generations of professors in his genealogy and it was only natural to choose the same career. He has more than 20 years of teaching experience implementing active methods of learning.

Angel is a PhD in applications of computer simulations in business and investment. He has specialized in Risk theory with European mathematical society. He is also a certified SME consultant by the Instituut voor het Midden- en Kleinbedrijf.

His scientific interests include (the list is far from exhaustive): cybernetics, computer simulation, forecasting, portfolio management, simulation and gaming, self-organization, multi-stage selection procedures, genetic algorithms, neural networks, fuzzy logic, chaos theory.

Angel is one of the founders of **IEEE Young Professionals Affinity Group of Bulgaria**.



**Tsvetan Filev** was born on 7th of April 1979. He graduated the Secondary Vocational School for audio, video and telecommunications "A. S. Popov"-Sofia in 1998 as Technician in Audio/Video technique. Afterwards, he completed the Bachelor degree in Audio/Video technologies at Technical University-Sofia in 2002 and the Masters degree in Radio Communications in 2004 at the same university.

He has been working in many companies in the IT industry as support engineer, network engineer and software engineer since year 2000. His skills include: C/C++, SQL, PHP, C#, HTML/CSS/JavaScript, SysML, Business Process Management, Networking, Linux/Windows etc.

Currently, he is working at Milestone Systems (Part of Canon group) as a Software Engineer. He is a valuable member of IEEE (CS, ComSoc) since 2005.

Tsvetan is one of the founders of **IEEE Young Professionals Affinity Group of Bulgaria**.