

**IULIIA YAMNENKO**  
**Candidate for IEEE Ukraine Section Chair**



**BIOGRAPHY**

Born in 1975 in Kyiv, Ukraine.  
1998 - graduated from NTUU "KPI".  
1999 - PhD degree.  
2007 - DrSc degree.

**Position:** Head of Department of Industrial Electronics, NTUU "KPI".  
Scientific secretary of seminar of Ukrainian National Academy of Sciences "Scientific base for electrical engineering";  
Head of young scientists section at Industrial Electronics Department (2003-2010);  
Director of LADY SCIENCE fund (since 2001).  
Publications: papers – more than 100, patents – 8, monographs – 10.  
**Peer reviewer** of PSCC-2014, 2016, RTUCON-2015, APCETA-2015  
**Awards:** prize of Ukrainian National Academy of Science (2001); prize of National Ukrainian contest "Leader of fuel and energy complex" (2002, 2005); prize of National Ukrainian contest "Youth- to power engineering of Ukraine" (2003); winner of the contest "Young teacher-researcher of NTUU "KPI"" (2008, 2009), "Teacher-researcher" (2010, 2011); grant of Ukrainian President for talent youth (2007); prize of Ukrainian President for young scientists (2010)

**IEEE ACTIVITIES**

SECTIONS/CHAPTERS: IEEE Ukraine Section **Vice-Chair** (2012-2013)  
IEEE Ukraine Section Chapter Coordinator (December 2014-April 2015)  
IEEE Ukraine Section **Professional Activity officer** (March 2015–present)

**CONFERENCES**

Member of Program and Organizing Committee, peer reviewer at:

- Annual IEEE International Conference on Electronics and Nanotechnology
- Annual International scientific conference of young scientists "Electronics"
- Bi-annual International scientific Conference "Problems of Present-day Electrotechnics"
- Bi-annual IEEE International Conference on Intelligent Energy and Power Systems
- RTUCON-2015 (56th International Scientific Conference on Power and Electrical Engineering of Riga Technical University, Riga, Latvia)
- Power Systems Computation Conference (PSCC 2014, 2016)

OTHER: **Faculty mentor** of student IEEE grant "Standard Education Committee Mini-grant #99, project "Audio Transformer Design for Tube Amplifier with Improved Quality and Reduced Cost" (2012)

**QUALIFICATIONS**

**Head of Industrial Electronics Department, NTUU "KPI":**

- management of educational, administrative, scientific, methodological, social and other activities of the Department
- work with undergraduate and PhD students

**Head of public fund "Lady Science":**

- Union of women – specialists in technical science is aimed to support women and young scientists in individual, career and professional growth.
- organizer of international conferences "Problems of Present-Day Electrotechnics" (each 2 years starting from 2002), annual IEEE International Conference "Electronics"

and Nanotechnology-EINano” (from 2013), annual IEEE International Conference of young scientists “Electronics” (from 2008), IEEE International Conference “Intelligent Energy and Power Systems” IEPS (each two years starting from 2014)

**Scientific secretary** of seminar of Ukrainian National Academy of Sciences “Scientific base for electrical engineering”.

### **MAJOR ACCOMPLISHMENTS**

IEEE Ukraine Section Vice-Chair (2012-2013)

IEEE Ukraine Section Chapter Coordinator (2014-2015)

IEEE Ukraine Section Professional Activity officer (present)

Member of Program and Technical Committee, reviewer of 7 International IEEE Conferences

Coordinator of involvement of industrial partners into IEEE activity

### **POSITION STATEMENT**

Claiming for IEEE Ukraine Section Chair position, I have to pay attention and direct the strongest efforts to key factors of IEEE mission.

Advancing Technology for Humanity

Promoting the implementation of novel solutions and technologies in energy, communications, electronics and engineering.

Concrete actions will be directed to:

- Development of geographic activity and membership by sharing the information about IEEE advantages and possibilities,
- Supporting scientific growth of students, young scientists and professionals
- Reinforcement of connection between academic, scientific and industrial components of today's life
- Enhancement of international collaboration and joint R&D activity focused on advancing technologies
- Focusing on high education as a springboard for future successful career
- Gender equality in engineering and social life.