



**KATERYNA OSYENKO**  
**Candidate for IEEE Ukraine WIE AG Vice Chairperson**

**BIOGRAPHY**

Born on 17.12.1989, Kyiv, Ukraine.

In 2012 graduated from the National Technical University of Ukraine "Kyiv Polytechnic Institute", Faculty of Electronics, Department of Industrial Electronics, specialty "Electronic systems" with the qualification of engineer-researcher.

**Work:** National Technical University of Ukraine "Kyiv Polytechnic Institute", Faculty of Electronics, Department of Industrial Electronics, assistant lecturer.

**Characteristics:** PhD student on Department of Industrial Electronics, Faculty of Electronics, National Technical University of Ukraine "Kyiv Polytechnic Institute"; a member of the Association of women scientists in the field of technical sciences "Lady Science"; internship at the Dresden Technical University.

**Research:** Publications - 14, patent - 1.

**Research interests** include the analysis and calculation of the electronic circuits using the method of structural numbers; planning methods for PLC networks; converters in Smart Grid; ways of selecting the maximum power from alternative sources in Smart Grid.

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**IEEE ACTIVITIES**

COMMITTEES/BOARDS: Young Professionals Subcommittee

SECTIONS/CHAPTERS: IEEE Ukraine Section Treasurer

IEEE Ukraine Young Professionals Affinity Group Vice-Chair

STUDENT BRANCHES: IEEE KPI Student Branch Chair (2013-2014)

CONFERENCES: 33th IEEE International Conference on Electronics and Nanotechnology (2013)

IV, V, VI, VII International scientific conference of young scientists "Electronics"

XII and XIII International scientific Conference "Problems of modern electrical engineering"

2014 IEEE International Conference on Intelligent Energy and Power Systems

OTHER: IEEE Ukraine Women in Engineering Affinity Group

Smart Cities Community

Transportation Electrification Community

Smart Grid Community, IEEE

**QUALIFICATIONS**

master degree in Electrical engineering

PhD student

More than 10 publications

Conference organization

member of the Association of women scientists in the field of technical sciences "Lady Science"

**MAJOR ACCOMPLISHMENTS**

Young Professionals Subcommittee member

IEEE Ukraine Section Treasurer

IEEE Ukraine Young Professionals Affinity Group Vice-Chair

IEEE KPI Student Branch Chair (2013-2014)

Organization of IEEE International Conference on Electronics and Nanotechnology, 2014 IEEE International Conference on Intelligent Energy and Power Systems

**POSITION STATEMENT**

As an active volunteer, I have the leadership skills to encourage innovative solutions from our members, to identify those that align with our mission, and to nurture members to meet the challenges we will face. I will apply my experience in communication and leadership to serve the IEEE Ukraine WIE AG and help tackle the challenges we face.

I plan to work hard on:

- professional and personal development for the Women in Engineering;
- productive cooperation between Affinity Groups and Student Branches through advanced social networking and communication gateways;
- increased collaboration between industry and academia with focus on enhanced partnerships.

I look forward to serving IEEE Ukraine WIE AG as Vice Chairperson and to working closely for the advancement of innovation, technology, global diversity and collaboration for our AG members and Section members at large.