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**Andrzej Witczak**  
*Editors*

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# Introduction

The annual Radioelectronic Systems Conference supports a detailed discussion of the most important technical issues in the field of radioelectronic systems. It is also a review of the country's work and direction in radioelectronic technologies.

A rapid development of new signal processing algorithms and methods have emerged, along with new technologies that allow us to introduce advanced technical solutions into radioelectronic systems.

A mutual exchange of experience between national scientific centres, research and development units, and the national electronics industry should result in cooperation that is a key factor for successful development of radioelectronic systems.

Every year, the conference expands its topics spectrum according to the expectations of the community.

This year, the scope of the conference included:

- Acoustics and Acoustoelectronics
- Antennas and Microwaves
- Use of Unmanned Aerial Vehicles and Defence against Unauthorized Use
- Biomedical Electronics
- Optoelectronics
- Signal and Data Processing in Radioelectronic Devices and Systems
- Radar Systems
- Navigation Systems
- Radioelectronics in Space Applications
- Special Devices and Systems.

The conference is organized under the auspices of the Ministry of National Defence, which emphasizes the fact that the scope of the conference covers the priorities of the Polish Armed Forces.

We hope that the 2017 Radioelectronic Systems Conference was the basis for in-depth discussion among participants and a great opportunity to exchange knowledge and experience.

**Adam Kawalec**  
**Andrzej Witczak**

