

First Call for Papers

4th International Conference

ACTUAL PROBLEMS OF UNMANNED AERIAL VEHICLES DEVELOPMENT (APUAVD-2017)

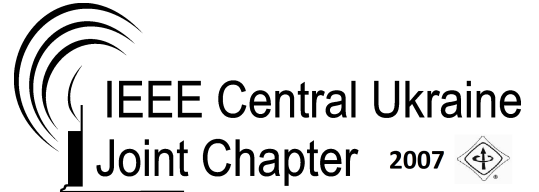
<http://iee.nau.edu.ua/apuavd-2017/index.html>

October 17-19, 2017

Kyiv, Ukraine



IEEE



Organized by IEEE Ukraine Section Joint SP/AES Chapter and
the National Aviation University (Kyiv)

Language

Language of the Conference is only English.

Objectives and grounds

The Conference is planned to be a forum of ideas exchange and results discussion in the field of methods, algorithms of computer-aided design of UAV (aerodynamics, flight-technical, characteristics, durability) data transmission channels equipment of UAV: navigation and motion control systems, adaptive robust and optimal control systems useful load software, air traffic control centre and maintenance of UAV.

Suggested topics

- Advanced methods of computer-aided design (CAD) of UAV Navigation systems and sensors of UAV
- Aerodynamics of UAV
- Flight-technical characteristics of UAV
- Durability of UAV
- Power plants of UAV
- Maintenance of UAV
- Methods and systems for navigation and flight control equipment tests
- Data transmission channels
- Adaptive, robust and optimal control systems
- Useful load of UAV
- Ground control station
- Navigation and motion control systems of UAV
- Sensors of UAV
- Ground navigation equipment of UAV
- Applied aspects of UAV

Program

The scientific program the 4th International Conference «Actual Problems of Unmanned Aerial Vehicles Developments» (APUAVD-2017) consists of invited lectures and contributed oral presentations. Poster session will be organized, if the number of accepted papers exceeds capacity of rented rooms.

Important Dates

Abstract Submission Date:	June 17, 2017
Notification of Acceptance:	August 17, 2017
Final Paper Submission Date:	September 17, 2017

Publications

All accepted contributions presented in oral and poster sessions will be published in the Conference Proceedings and CD. The Proceedings will be prepared directly from the papers supplied by authors, therefore careful preparation in accordance with the instructions is required. Detail information is contained on the Conference home page <http://iee.nau.edu.ua/apuavd-2017/index.html>. Because of planned submission into IEEE Xplore digital library, all authors are requested to fill in the IEEE Copyright form and submit it together with the paper. Papers that were not presented during the Conference by authors will not be included to IEEE Xplore DL.

Rules for abstract and paper preparation

A complete manuscript in English describing a new work in the areas of Conference Topics should be prepared in both .pdf and .doc formats and submitted following the detailed instructions presented at the conference web page: <http://iee.nau.edu.ua/apuavd-2017/index.html> by June 17, 2017.

Full text of a paper should occupy four A4 full pages including figures, tables, and references. All contributors are encouraged to make the first submission prepared so close to the future final paper as possible. All papers included into the Conference Proceedings and presented at the Conference will be later made available to the public through the IEEE Xplore web page.

Contacts

For further information about APUAVD-2017 Conference please visit our web page at <http://iee.nau.edu.ua/apuavd-2017/index.html> or contact us by E-mail Olha Sushchenko sushoa@ukr.net

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Technical Program Committee – TPC (to be continued)

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Registration procedure

For preliminary registration please fill in (one form per participant) and submit the Registration Form with abstract paper by e-mail to the Secretariat (e-mail: sushoa@ukr.net). Registration Form you can download at web site of the Conference. Later the on-line registration is planned to be organized.

Registration fee

Registration fee	Ukraine	Other countries
Full-time participation	400 UAH	200 EUR
Postgraduate Students	350 UAH	175 EUR
IEEE members	320 UAH	160 EUR
Postgraduate Students, IEEE members	280 UAH	140 EUR

For detail information please visit the conference web site

<http://ieee.nau.edu.ua/apuavd-2017/index.html>