

## CONTACTS

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Khmelnyske shose, 95, Vinnytsia, Ukraine,  
21021 Vinnytsia National Technical University  
Institute of Master, Post-Graduate and Doctor  
Degree Study

The Institute of Master, Post-Graduate and Doctor Degree Study (IMPDDS) of Vinnytsia National Technical University (VNTU) was created in 1996 as Department for coordinating Masters training in all departments for the project program TEMPUS – TACIS (Sweden, Denmark, Ukraine). In 1997 it was enlarged by Post-Graduate and Doctor Degree courses and later by Specialized Scientific Councils. IMPDDS introduces the methodology and technology for continuous training scholars beginning with undergraduate students on Masters and Post Graduate Courses with further defense of Doctor Degree theses.

In 1976 VNTU started Post Graduate training and in 1988 – courses for Doctor Degree. The first Specialized Scientific Council was opened in 1978. Today VNTU runs 6 Specialized Scientific Councils on 10 specialities, and 23 specialities for Post Graduate training. From the date the VNTU was awarded the status of the University in April 20, 1994, the Specialized Scientific Councils examined 61 Doctors of Sciences and 473 holders of PhD degree. The efficiency of Post Graduate training traditionally makes up 40-64%, the average efficiency within 2004-20154 amounts to 46%, 80% of which are the graduates from Masters courses run by IMPDDS in VNTU.

### CONFERENCE CHAIRMAN

Dr. Volodymyr Grabko, VNTU, Ukraine.

### CONFERENCE CO-CHAIRMEN

Dr. Olexandr Romanyuk, VNTU, Ukraine

Dr. Serhiy Pavlov, VNTU, Ukraine.

Dr. Olexandr Grushko, VNTU, Ukraine.

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Dr. Evgenii Bashkov, DonNTU, Ukraine;

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Dr. Wojcik Waldemar, Lublin University of  
Technology, Poland;

Dr. Valerii Danilov, NTUU “KPI”, Ukraine;

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Ukraine, VNTU, Ukraine;

Dr. Vitalii Mokin, VNTU, Ukraine;

Dr. Vasyl Petruk, VNTU, Ukraine;

Prof. Georhii Ratushnyak, VNTU, Ukraine;

Dr. Vasyl Serdyuk, VNTU, Ukraine;

Dr. Olexandr Trokhymchuk, Member of NASU

Ministry of Education, Science of Ukraine  
National Academy of Sciences of Ukraine  
National Academy of Pedagogical Sciences of  
Ukraine

Vinnytsia National Technical University

New University of Lisbon, Portugal

Lublin University of Technology, Poland

National Technical University of Ukraine  
“KPI”

### III International Internet-Conference

### YOUTH IN TECHNICAL SCIENCES: RESEARCH, CHALLENGES AND PROSPECTS (YTS-2017)



VNTU, Vinnytsia, Ukraine

May 22-26, 2017

<http://conf.inmad.vntu.edu.ua/mtn2017/>

The objective of the conference is to share innovations and leading experience in the sphere of training scientific staff of higher qualification (holders of PhD degree, Doctors of Sciences) as well as Masters, which make the first stage in the above training and in technical sciences; coverage and discussion of research results, basic scientific problems and prospects of young people; exchange of experience and demonstration of practical achievements of conference participants.

## CONFERENCE TOPICS

1. **Problems and technology academic training in terms of innovative development of society.**
2. **Ecology and environmental safety.**
3. **Automation, electrical and control systems.**
4. **Information technology, software, database design and web design.**
5. **Electrical engineering, electric power.**
6. **Physical electronics and electronic instrumentation, microelectronics, nanotechnology.**
7. **Radio equipment and telecommunications.**
8. **Technology, materials and structures in construction and power system.**
9. **Motor transport, machine building and materials science.**

Section №1 designed for university lecturers and experts from academic training.

Section №2-9 designed for students, undergraduates, graduate students and applicants. When submitting material used №2-9 specified supervisor (required for undergraduate and graduate) and served review specialist with scientific degree of direction.

## CONDITIONS OF PARTICIPATION

No later than 15 May, 2017 participant must register online:

<http://conf.inmad.vntu.edu.ua/fm/?conf=4&lang=3&page=registration>, transfer documents and upload materials to the website no later than 20 May, 2017.

In committee serves papers signed by authors and supervisor, author reference, review (submitted if co is not a scientist with advanced degrees). Non submission of all documents and copies of scanned electronically by uploading to <http://conf.inmad.vntu.edu.ua/fm/index.php?page=add&lang=3&conf=4>. Samples of documents presented at the conference web-site.

Submission of original paper documents required for publication in the Proceedings. Document Templates presented on the conference website.

## MODES OF PARTICIPATION

Distance participation.

## LANGUAGES

Ukrainian, English, Russian.

## PUBLICATIONS

Materials of conference will be published in Conference proceeding on Web-site <http://conf.inmad.vntu.edu.ua/fm/index.php?page=materials&lang=3&conf=4>.

Studies containing new scientific results can be presented in the form of articles and recommended for publication in specialized international journals NTB (the list of professional publications SAC / MES Ukraine).

## PAYMENT OF PARTICIPATION

**Participation and inclusion on the site (one abstract) is free of pay.**

## REQUIREMENTS FOR REGISTRATION OF MATERIAL

The amount of materials – **1-2 pages**; format - A4, font - MS Word; font - Times New Roman, size (size) - 14, line spacing - 1, paragraph - 1.25 cm. margin: top, bottom, right, left 20 mm.

In the upper left corner indicates the UDC. Below - the name of the publication (in capital bold letters on the center intervals before and after paragraph 10pt).

Below - About the authors name and the name of each author (in bold), scientific degree, rank, position, name of institution, city, country. Next - the previous interval 10pt - text.

At the end of the text with a paragraph spacing before 10pt - «References" (bold and centered). References are given in brackets according to the order of mention. The presence of links is required.

Signature served to the table as "Table <number> - <name>" and links - "Table. <Number>".

Captions - "Figure <number> - <name>" and links - "Fig. <Number> ". Formula placed on the center line and their numbering is contained at the end of the line, thanks to tools tab.

Materials that do not meet the requirements will not be considered. The organizing committee reserves the right for selection and editing of scientific reports.