



PEMS '2015



May 19th–21st, 2015. NTUU “KPI”, Kyiv

“Problems of Energy Management System– PEMS’15” (II International Scientific-Technical, Methodological Conference)

DEAR COLLEAGUES!

National Technical University of Ukraine “Kyiv Polytechnic Institute” invites you for participation in the international conference “Problems of Energy Management System– PEMS’15”

The conference is held with support of the Ministry of Education and Science of Ukraine, the Ministry of Energy and Coal Industry of Ukraine, the State Agency on Energy Efficiency and Energy Saving of Ukraine, the UNIDO project “Introduction of Energy Management System Standard in Ukrainian Industry (UKR IEE)”, Scientific-Technical Cooperation of Power engineers and Electric engineers.

The II international scientific-technical and methodological conference “Problems of Energy Management System– PEMS’15” considers scientific, technical, economical and methodical concerns in developing effective energy management systems, which allow improving energy efficiency for functioning of energy sector of Ukraine, implementation the policy of energy efficiency and energy management for enterprises, organizations and institutions.

Purpose of the conference: holistic analysis of modern aspects on energy efficiency, energy management and energy saving; demonstration of scientific achievements and search for new solutions for energy efficiency and energy saving in the field; as well as their practical implementation at the current level of development of the Unified Energy System of Ukraine (UES) and current situation for higher education development in energy management under the Bologna process.

Under the ever-increasing prices for fuel and energy resources, scarcity of funds in state, regional and municipal budgets of the country energy management as management and optimization of energy consumption and energy resources expenses – gains special applicability. Recognition of energy as a resource that requires equal management to any other expensive product is the first step for energy and environmental efficiency increase. Implementation of energy management is an innovative solution, associated with modernization of existing production processes and management according to the world’s best practice in energy saving.

AREA OF WORK OF THE CONFERENCE

Scientific-technical:

1. Legislative and regulatory issues in energy saving and energy efficiency.
2. Methodological basics for monitoring and management the effective fuel and energy consumption.
3. Modern energy management systems.
4. Intellectual energy systems Smart Grid and energy management.
5. Development and implementation of energy management according to the terms of the international standard ISO 50001.
6. Integrated energy management systems.
7. Energy management position in management of enterprise and branches of economy.
8. Innovative technologies for increasing efficiency of fuel and energy resources consumption.
9. Resources planning for the enterprise from the side of energy efficiency management.
10. Security of energy and industrial objects.

11. Environmental issues in energetics and integrative approach to energy resources use.
12. Practical organizational, technical and economical issues (best practice) in energy management.

Methodological:

1. Methodology in formation of studying content in the field of energy efficient technologies and the energy management field.
2. Problem-solving for quality and further development in energy managers' training within Bologna process.
3. Organization of studying process issue.
4. Development of a new generation standards for higher education.
5. Modern studying and laboratory equipment for provision fundamentally specific and practical training of energy managers.

Conference's working languages: Ukrainian, Russian, English.

Form of participation in conference: speaker or listener.

Application for participation in the conference and abstract should be sent in electronic (or printed) version.

Structure and formats of materials:

- **page size** A4 with margins: left, right and top – 20 mm, bottom – 30 mm;
- **font** Times New Roman Cyr; plain line spacing;
- **code UDC** – left aligning – 12 pt;
- **information about authors** – initials, last name, degree, organization, country – 12 pt;
- **abstract title** should be short and refer to the section theme; written with capital letters symmetrically to the text – 12 pt;
- **abstract text** – 12 pt, first line indent 10 mm, full aligning; figures captions, thematic table captions – 10 pt, center aligning; tables numeration –10 pt, italics, right aligning; formulae – inbuilt formulae redactor using the following styles: Text, Function, Variable, Number – Times New Roman; L.C.Greek, U.C.Greek, Symbol – Symbol; Matrix/Vector – Times New Roman, bold; size: Full – 9 pt, Symbol – 12 pt, Sub-Symbol – 9 pt, Subscript/Superscript – 7 pt;
- **summary** – 12 pt;
- **list of references** – 9 pt.

After receiving an application and reviewing an abstract on accordance to the requirement Organizational committee of the conference will send a participant a participation agreement and an invoice.

*******AN EXAMPLE*******

UDC 691.5

Ivanov V.V., PhD, Ass. Prof.
National Aviation University of Ukraine
Petrov O.Y., PhD, S.R.
Kyiv National University of Construction and Architecture, Ukraine

EFFICIENCY RESEARCH FOR FUEL ASH IN ALCALINE CEMENTS

Text. Text. Text. Text. Text. Text. Text. Text. Text. Text. Text. Text. Text. Text. Text...

Summary. A new energy saving ... was developed and proposed...

List of references

1. The Cabinet of Ministers of Ukraine, the decision of March, the 1st 2010 # 243 on “ On approval of the State Target Economic Program for energy efficiency and development of energy production from renewable energy sources and alternative fuels for 2010-2015” [Electronic resource]/ Site of the Cabinet of Ministers of Ukraine – Access mode: <http://zakon2.rada.gov.ua/laws/show/243-2010-n>

After the conference the participants' reports will be published in academic periodical “Energetics: economy, technology, ecology”, which is been recognized as special edition by State Commission for Academic Degrees and Titles. Thematic orientation of the publications is organizational-economical, technical and other issues in functioning and development of energy complex and its components; for more information <http://energy.iee.kpi.ua/>.

CONFERENCE PROGRAM COMMITTEE

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SAVCHUK Sergiy

Head of the State Agency for Energy efficiency and Energy saving of Ukraine

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Kremenchug National University named after M. Ostrogradsky, Ukraine

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Vinnitsya National Technical University, Ukraine

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Institute of Electrodynamics NAS Ukraine, Ukraine

Fialko Nataliya, Ass. Member of NAS Ukraine

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Dates		Conference schedule	
24.04.2015	Registration (receipt of applications and abstracts)	18-19 May 2015	Arrival of participants
30.04.2015	Notification about including in conference program	19–20 May 2015	Plenary and sectional meetings NTUU “KPI”, IEE
11.05.2015	Deadline for payment	20 May 2015	Excursion in Kyiv and NTUU “KPI”, departure of participants

REGULATIONS FOR CONFERENCE:

- plenary meetings;
- sectional meetings / stand reports.

TERMS FOR PARTICIPATION:

Organizational payment for participation in the conference – 300 UAH

Organizational payment for virtual participation in the conference – 150 UAH

Organizational payment includes:

- coffee-breaks between sections;
- rent of computer and projects equipment for reports maintenance;
- publication the collection of scientific papers;
- provision the participants with scientific-methodical materials and supplies.

Participants of the conference are provided with housing in hotels of Kyiv, hostels of the NTUU “KPI”. The organizational committee provides participants with housing on their own expenses under their will.

DEADLINE for organizational payment – till the 15th of May 2015 after signing the agreement and obtaining the invoice.

Organizational committee of the conference:

National Technical University of Ukraine “Kyiv Polytechnic Institute”,
Institute of Energy saving and Energy management.
03056, Ukraine, Kyiv, 115 Borshchagivska st., b. 22, r. 315,
tel./fax (38-044) 406-85-14;
pems.kpi.ua e-mail: pems@kpi.ua

APPLICATION

for participation in the International conference

« Problems of Energy Management System– PEMS’15»

1. Last name, first name, patronymic (fully) _____
2. Position, academic rank and degree _____
3. Organization (fully and abbreviation) _____
4. Post address _____
5. Telephone, fax (with code), e-mail _____
6. Participation in the conference as speaker / listener (underline appropriate)
7. Title of the report (if planned) _____

(date)

(signature)

Address for mailing

National Technical University of Ukraine “Kyiv Polytechnic Institute”,
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03056, Ukraine, Kyiv, 115 Borshchagivska st., b. 22, r. 315
tel./fax (38-044) 406-85-14; e-mail: pems@kpi.ua

Program committee PEMS’15