

## REGISTRATION FORM

Last name	<i>(in the same language as abstracts)</i>
First Name	
Middle Name	
Scientific degree	<i>(if any)</i>
Abstract title	<i>(in the same language as abstracts)</i>
Abstract topic (or scientific school for guests)	<i>(According to the List of Conference Topics in Informational message)</i>
Co-authors	
Organization	
Post adress	
Phone	
E-mail	
Duration of stay (days)	
Type of participation	<i>(lecture, short presentation, co-author, guest)</i>
Type of presentation	<i>(presentation in PowerPoint, Word, Flash)</i>

Filled registration form and abstract should be sent to  
Organizing Committee [wrtys2015@gmail.com](mailto:wrtys2015@gmail.com)  
**before 6 March 2015**

## In memory of Professor Leonid S. Kireev



Prof. Leonid S. Kireev headed the scientific-organizational activity at the E.O. Paton Electric Welding Institute of the NAS of Ukraine (PWI) as the Scientific Secretary since 1990 till 2013. The main directions of his scientific activity were connected with investigations in the field of solid-phase welding of titanium alloys, as well as titanium and its alloys with other metals.

The PWI is continuously paying a special attention to the young specialists. In the time of economical difficulties the significant flow-out of young people from the Institute was observed. Prof. Kireev was among the first ones who took the effective measures to support the intellectual potential of the Institute. He was one of those who regenerated the youth movement at the PWI at the new social-economical stage of Ukraine development. In 1999 the young scientists of the E.O. Paton Electric Welding Institute of the NAS of Ukraine got the official status and united into a public body at the directorship, namely Young Scientists Council of the institute (YSC).

In 2001 Prof. Kireev offered young scientists for the first time to hold the Conference "Welding and Related Technologies" in village Vorzel, Kyiv region. After its success, he made a proposal of a regular organizing of these scientific meetings. Now, the Conference, becoming traditional one, is held once in two years and represents one of the largest conferences of the young scientists on welding.

Over many years Prof. Kireev was the Chairman of the Organizing Committee of the Conference and supported actively the YSC in organizing and its holding at the highest level. His help occurred always to be decisive. We shall always remember this man as being open for the new accomplishments, dealing a special attention to the growth of potential of young specialists at our Institute.

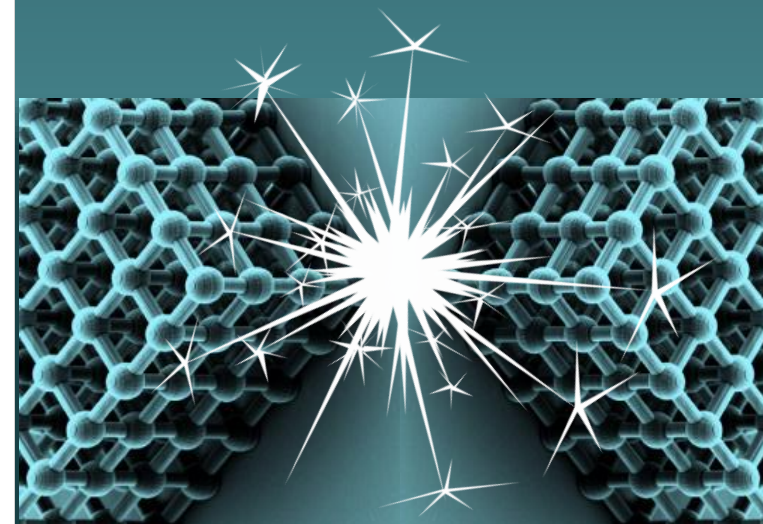
**National Academy of Sciences of Ukraine  
The E. O. Paton Electric Welding Institute  
Young Scientists Council**



## WELDING AND RELATED TECHNOLOGIES

VIII INTERNATIONAL CONFERENCE  
OF **YOUNG SCIENTISTS**

**20-22 May 2015**  
Vorzel, Kyiv region, Ukraine



On 20-22 May, 2015 the VIII International Conference of young scientists «Welding and Related Technologies» will be held by the Young Scientists Council of the PWI with the support of the National Academy of Sciences of Ukraine and The E. O. Paton Electric Welding Institute. We invite young researchers up to 35 years old to participate in the Conference. Participation of students, Ph.D. students, young researchers, representatives of industrial enterprises and scientific organizations as guests of scientific schools without presentations with receiving of personal certificate of participation in the scientific schools in the relevant areas is also appreciated.

The Conference will be held as plenary sessions. Presentation of papers is up to 10 minutes, duration of short presentations - up to 7 minutes.

### INFORMATION FOR PARTICIPANTS

Topics of the scientific schools will be in compliance with the framework of the Conference.

The following events are planned at the Conference:

- Lectures and presentations by the leading Ukrainian and foreign scientists;
- Presentations (oral);
- Award of the best presentations by young scientists;
- Tours around Kyiv will be organized.

Participation is free of charge. Accommodation and transport are paid by participants themselves.

### CONFERENCE TOPICS

1. Advanced welding and joining technologies.
2. Strength, reliability and durability of welded structures.
3. Surfacing, coating and surface treatment technologies.
4. Processes of special electrometallurgy.
5. New structural and functional materials.
6. Technical diagnostics and nondestructive testing.
7. Automation of processes of welding and related technologies.
8. Studies of physicochemical processes.
9. Mathematical modeling and informational technologies in welding and related processes.
10. Technologies of thermal cutting of materials
11. Materials science.
12. Nanotechnologies in welding and related processes.
13. Equipment and power supplies for welding and related technologies.

### INTERNATIONAL PROGRAM COMMITTEE

B. Paton (Ukraine)  
(Chairman of International Program Committee),  
I. Krivtsun (Ukraine), L. Lobanov (Ukraine),  
S. Akhonin (Ukraine), A. Benediktovich (Belarus),  
O. Bilyi (Ukraine), A. Borysenko (Ukraine),  
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B. Gligorijevic (Serbiya), V. Khaskin (Ukraine),  
V. Kostin (Ukraine), K. Krasnowski (Poland),  
V. Kvasnytskyy (China), A. Labartkava (Ukraine),  
A. Lavrenyuk (Canada), L. Medovar (Ukraine),  
T. Nakamura (Japan), V. Nesterenkov (Ukraine),  
J.-M. Olive (France), K. Peinecke (Germany),  
I. Prybytko (Ukraine), V. Sydorets (Ukraine),  
A. Zhydkov (Ukraine)

### ORGANIZING COMMITTEE

I. Klochkov (Chairman of Organizing Committee),  
A. Polishko (Head of Young Scientists Council ),  
A. Bernatskiy, D. Ermolenko, V. Fedorchuk,  
P. Goncharov, S. Grygorenko, M. Iurzenko,  
J. Khokhlova, Ie. Kuzmych-Ianchuk, K. Lyapina,  
S. Motrunich, E. Polovetskiy, V. Porokhon'ko,  
V. Savitskiy, S. Stepanyuk, V. Synyuk,  
A. Tunik, S. Voynarovich, A. Zelnichenko,  
D. Zhyrov, T. Zuber

### KEYDATES

**6 March 2015**  
Deadline of Submission of Abstracts  
**27 April 2015**  
Preliminary program  
**20 May 2015**  
Conference Opening  
**22 May 2015**  
Conference Closing

### CONTACT INFORMATION

The E. O. Paton Electric Welding Institute  
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e-mail: wrtys2015@gmail.com  
www.paton.kiev.ua/en/wrtys2015  
Facebook: WRTYS

### CONFERENCE LANGUAGES

Ukrainian, Russian, English

Abstracts will be published in Proceeding of the Conference. The best presentations will be recommended for publication in journals of the E.O.Paton Electric Welding Institute of the NAS of Ukraine («Avtomaticheskaya Svarka», «The Paton Welding Journal», «Sovremennaya Electrometallurgia», «Advances in Elektrometallurgy», «Tekhnicheskaya Diagnostika i Nerazrushayushchiy Kontrol»).

### REQUIREMENTS FOR ABSTRACTS

**A.B. Author, C.D. Author**  
*Organization, city, country*

Abstracts should be on one page without drawings and references in Word format (.doc or .docx). Please, use page size: A4 (210x297 mm); paragraph - 12.5 mm; margins: top, bottom, right - 20 mm, left - 30 mm; 1.5 line spacing. Write Abstract title in capital letters centered on the page, Arial font, size 14. Then authors Last names and initials, Times New Roman font with italic formatting, size 12. Then organization, city, country, Times New Roman font with italic formatting, size 12. Name of speaker at the Conference should be underlined. Leave one blank line. The main text is in Times New Roman font, size 12, justified, without hyphenations. Volume - at least half of the page and not more than one page.

### LOCATION

Cardiological sanatorium "Vorzel", 1, Lenin str., Vorzel, Kyiv region, Ukraine. Sanatorium "Vorzel" is located in a picturesque area 30 km away from Kyiv the capital of Ukraine, in the forest park area with pines, oaks, birches. The climate is moderately humid, woody, mild, with small fluctuations in air temperature, with lots of sunny days and a constant atmospheric pressure. Favorable atmosphere environment is conducive to productive work at the Conference.

