

The E. O. Paton Electric Welding Institute
◇
Association of Enterprises «ELECTRODE»
◇
International Association «WELDING»
◇
Society of Welders' of Ukraine
◇
Russian Welding Society



VIII International Conference
«WELDING CONSUMABLES»
PROGRAM OF THE CONFERENCE
(preliminary)

*The E. O. Paton Electric Welding Institute of the NAS of Ukraine
16–18 June, 2014, Kiev, Ukraine*



INTERNATIONAL PROGRAM COMMITTEE

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ORGANIZING COMMITTEE OF THE CONFERENCE

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PROGRAM OF THE CONFERENCE

Monday, June 16

09.00–17.00	Arrival, registration, payment of registration fee, registration of business trip authorities and accommodation of the conference participants
15.00–17.00	Meeting of members of «Electrode» Association
18.00–22.00	Conference Opening Reception

Tuesday, June 17

09.00–11.00	Plenary session
11.00–11.20	Coffee break
11.20–13.00	Plenary session
13.00–14.00	Lunch
14.00–15.40	Plenary session
15.40–16.00	Coffee break
16.00–17.40	Plenary session

Wednesday, June 18

09.00–11.00	Plenary session
11.00–11.20	Coffee break
11.20–13.00	Plenary session
13.00–14.00	Lunch
14.00–15.40	Plenary session
15.40–16.00	Coffee break
16.00–17.40	Plenary session
18.30–23.00	Informal dinner

Thursday, June 19

Departure of the conference participants

Tuesday, June 17
Opening of the Conference
Welcoming speech

Physical-chemical and metallurgical processes of arc welding and surfacing and methods of their investigation

Welding and related technologies for preserving of main pipeline integrity

Steklov O.I.

Gubkin Russian State University of Oil and Gas, Moscow

Investigation of crack formation susceptibility of austenite material using RVR-TEST procedure

Yushcheko K.A., Savchenko V. S., Chervyakov N. O., Zvyagintseva A. V., Monko G. G., Pestov V. A.

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Application of shielding gases in welding production (Review)

Paton. B. E., Rimsky S. T., Galinich V. I.

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Effect of structural factors on complex of mechanical properties and crack resistance of welded joints of metals, alloys and composite materials

Markashova L. I., Poznyakov V. D., Berdnikova E. N., Gayvoronsky A. A., Alekseenko T. A.

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Interaction of hydrogen with wrought metal

Paltsevich A. P., Sinyuk V. S., Ignatenko A. V.

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Underwater welding and cutting in Russia

Kononenko V.Ya.

Ecotehnologiya, Kiev

Ukrainian market of welding consumables

Mazur A. A., Petruk V. S., Brovchenko N. S.

E. O. Paton Electric Welding Institute, Kiev

Regional aspects of export-import of Ukrainian welding consumables

Makovetskaya O. K., Mazur A. A., Petruk V. S., Pustovoyt S. V.

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Consumables for mechanized methods of welding

Physical-metallurgical and welding-technological properties of gas-shielded flux-cored wires in welding of structural steels

Shlepakov V. N.

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Mechanized welding of pipelines — methods providing increase of efficiency

Rosert R.

Drahtzug Stein, Germany

Role of welding flux in formation of weld metal in arc welding of low-alloy and high-strength steels

Golovko V. V.

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Effect of thermal and physical characteristics of cores of flux-cored wires on their welding-technological properties

Kotelchuk A. S.

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Surfacing consumables based on tungsten carbide

Zhudra A. P.

E. O. Paton Electric Welding Institute, Kiev

Flux-cored strips for wear-resistant hardfacing

Voronchuk A. P.

E. O. Paton Electric Welding Institute, Kiev

Effect of titanium and boron microalloying of weld metal on its mechanical properties in underwater welding

Maksimov S. Yu.

E. O. Paton Electric Welding Institute, Kiev

Self-shielding flux-cored wire for wet underwater welding of 12Kh18N10T steel

Kakhovsky N. Yu.

E. O. Paton Electric Welding Institute, Kiev

Efficiency of application of new welding consumables for welding and surfacing of copper

Ilyushenko V. M., Anoshin V. A.

E. O. Paton Electric Welding Institute, Kiev

Estimation of possibility of application of 10GN1MA type flux-cored wire of «ESAB» company production in manufacture of equipment for nuclear power stations

Lifshits I. M.

«Izhorskie welding consumables» Ltd., Saint-Petersburg

Flux for electric-arc surfacing providing high-temperature separation of slag cover

Strelenko N. M.¹, Zhdanov L. A.¹, Goncharov I. A.²

¹NTUU «KPI», Kiev

²E. O. Paton Electric Welding Institute, Kiev

Flux-cored wires for surfacing of tools for hot working of metals and alloys

Kondratiev I. A., Ryabtsev I. A.

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Discrete consumables for surfacing in current-carrying crystallizer

Kuskov Yu. M.

E. O. Paton Electric Welding Institute, Kiev

Critical defects of welding consumables by the example of copper-coated wire for MAG and arc welding of metallic studs

Turyk E.

Institute of Welding in Gliwice, Poland

Repair surfacing and hardfacing of parts of stamping equipment

Solomko E. A.¹, Lobanov A. I.¹, Orlov L. N.², Golyakevich A. A.²,

Khilko A. V.²

¹PJSC «Energomashspetstal», Kramatorsk

²«TM.Veltek» Ltd., Kiev

Selection of shielding gas for mechanized arc welding of dissimilar steels

Elagin V. P.

E. O. Paton Electric Welding Institute, Kiev

Effect of physical-chemical properties of disperse filler on quality of deposited metal in microplasma flux-cored surfacing of heat-resistant nickel alloys

Yushchenko K. A., Yarovitsyn A. V.

E. O. Paton Electric Welding Institute, Kiev

Novel consumables and technology of hardfacing of thermal coatings of «Kannametal Stellite GmbH» company

Pavlenko A.

Germany

Application of polymer couplants for wear-resistant coatings with ceramic structure

Manulik A. F.

«Owens-Illinois» Company, USA

Development of high-vanadium alloy for plasma-power surfacing of knives for cutting of non-metallic materials

Perepletchikov E. F.

E. O. Paton Electric Welding Institute, Kiev

New wear-resistant consumables for hardening of gas turbine blades

Kostin A. M.

Pryazovskyi State Technical University, Mariupol

Consumables for manual arc welding

Electrodes for welding of dissimilar martensite-chromium and austenite chromium-nickel steel

Zakharov L. S., Gavrik A. R., Lipodaev V. N.

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Investigation of damages in zone of joining of low-alloy steel with high-alloy Cr-Ni deposited metal

Yushchenko K. A., Kakhovsky Yu. N., Bulat A.V., Morozova R. I.,

Zvyagintseva A. V., Samoylenko V. I., Oleynik Yu. V.

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Heating and melting of the electrodes with exothermal mixture in the coating

Vlasov A. F., Makarenko N. A., Kushchiiy A. M.

Donbass State Machine Building Academy, Kramatorsk

Ultraviolet irradiation in manual arc welding using coated electrodes

Levchenko O. G.¹, Malakhov A. T.¹, Arlamov A. Yu.²

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On the issue of shape and dimensions of particles in welding fumes

Gubanya I. P., Stepanuyuk S. N., Yavdoshchin I. R., Demetskaya A. V.

E. O. Paton Electric Welding Institute, Kiev

The role of testing and certification in development of welding consumables market in Poland and EU

Niagaj J.

Institute of Welding in Gliwice, Poland

Condition of normative base, certification and attestation of welding consumables in Ukraine

Protsenko N. A.

E. O. Paton Electric Welding Institute, Kiev

Technologies, equipment and control in consumables production

Alternative raw materials for production of welding consumables at current stage

Slobodyanyuk V. P.

PJSC «PlasmaTec», Vinnitsa

Effect of grain composition of charge on technological properties of electrode compounds for manufacture of low-hydrogen electrodes

Marchenko A. E.

E. O. Paton Electric Welding Institute, Kiev

Improvement of manufacturability of production and welding properties of electrodes for welding and surfacing of tin bronze

Maydanchuk T. B., Skorynka N. V.

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Thickness variation of electrode coating as a form of demonstration of turbulence of electrode compounds

Marchenko A. E.

E. O. Paton Electric Welding Institute, Kiev

State of source of raw materials for electrode production

Palievskaya E. A., Sidlin Z. A.

«Tekhprom» Ltd., Moscow

Trends of improvement of equipment and technology of electrode production

Gnatenko M. F., Voroshylo V. S., Suchok A. D.

«Welma» Ltd., Kiev

Novel straightening-cutting machines of ROTEKS company

Kuznetsov A. G.

«ROTEKS» Ltd, Moscow

Development of a Pilot Machine for Flux Cored Wire

A. Bracarense

Federal University of Minas Gerais-DEME, Brasil

Closing of the Conference

REGISTRATION FEE

- Registration fee for the participants is 300 Euro (150 Euro for accompanying persons).
- The registration fee includes: the expenses for preparation and publication of the Conference Proceedings, opening reception and informal dinner, coffee and tea breaks and others.
- Invoice for payment of registration fee can be sent to e-mail by participant request.