



# PROGRAM draft vesion

# Topic: Safe Welded Construction by High Quality Welding



Belgrade, Serbia, October 10 – 13, 2018

Organizers:

Serbian Welding Society – DUZS, Serbia

In cooperation with:



**Bulgarian Welding Society –** 

**BWS**, Bulgaria

Romanian Welding Society – ASR, Romania



TIMIŞOARA National R&D Institute for Welding and Material Testing

Endorsement:



Ministry of Education, Science and Technological Development

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## INVITATION

### Dear Colleagues,

*On behalf of the Organizing Committee, I am honoured to invite you to participate in the 4th IIW South – East European Welding Congress.* 

We are pleased to continue our long-lasting cooperation at the regional level. Besides of the three associations that take part in the organization of such a Congress for the fourth time, namely the Serbian Welding Society, Bulgarian Welding Society and the Romanian Welding Society, we are also supported by other countries and institutions from the region.

We expect participation of the most important experts, not only from the region but from the European and international scene as well. Within the Congress and the Workshops, specialists from the industry, academic and research fields will have the opportunity to exchange information on current regional and global topics. During the Congress, as a great opportunity for sponsors, an International Fair of Welding and allied processes will be organized.

All this indicates that the 4 th IIW South – East European Welding Congress will be the largest event in the field of welding to be held on the South – East Region of Europe in 2018 which goes beyond the importance of the region itself.

We would be very grateful if you would forward this invitation to anyone among your appreciate colleagues interested in the subject.

Dr Vencislav Grabulov, dipl.eng.IWE Congress Chairman

### **ORGANIZING COMMITTEE**

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## **CONGRESS THEME**

The 4<sup>th</sup> IIW South – East European Welding Congress has the theme "*Safe Welded Construction by High Quality Welding*" and it is an opportunity for scientists, engineers, technicians, welders, suppliers and customers to meet and share their experiences, ideas, information and acquire new knowledge.

The Congress will be held in conjunction with the Conference **WELDING 2018** (*ZAVARIVANJE*) which is traditionally held once in two years in Serbia.

## Main topics:

- High Quality Welding (all regard welding technology, metallurgy and Joining Processes)
- Structural Integrity and Life of Welded Joints/Structures
- Welding of pipelines
- Education, Qualification, Certification of Personal

## OFFICIAL LANGUAGES

The official language of the 4<sup>th</sup> **IIW South – East European Welding Congress** is English. The papers must be prepared in accordance with the IIW document. **Conference WELDING 2018** official languages: Serbian and English

## SCHEDULE

### Wednesday, October 10<sup>th</sup>

- 12:00-15:30 Walking tour
- 13:30-17:30 Workshop (only for invited participants)
- 18:00-18:20 Welcome speeches
- 18:30-19:15 Sponsors presentation
- 19:15-20:30 Welcome Cockail

## Thursday October 11<sup>th</sup>

- 08:30-09:30 Registration
- 09:30-10:30 Opening Ceremony
- 10:30-11:00 Jaeger Lecture

## SAFE WELDING CONSTRUCTION - STRUCTURE INTEGRITY APPROACH Prof. dr Aleksandar Sedmak

- 11:00-11:50 Sponsors presentation
- 11:50-12:10 Coffee break
- 12:10-14:10 Keynote Speeches

## A GLOBAL WELDING & JOINING ORGANIZATION Douglas R. Luciani, Canada

## **EWF HARMONISED QUALITY ASSURANCE OF INTERNATIONAL QUALIFICATIONS** Chris Eady, United Kingdom

ESTABLISHING AND IMPLEMENTING THE BUILDING BLOCKS OF A COUNTRY'S NATIONAL WELDING CAPABILITY (NWC)

Chris Smallbone, Australia

VALUE ADDED BY WELDING TECHNOLOGY IN GERMANY AND THE EU IN 2017 - ARE TECHNOLOGY AND DVS INTERESTING FOR THE UP-AND-COMING GENERATION IN THE SKILLED TRADES AND THE ACADEMIC FIELD?

Roland Boecking, Germany

## **RESEARCH AND DEVELOPMENT - AN IMPORTANT BASE FOR INNOVATIONS IN WELDING INDUSTRY IN GERMANY** Heidi Cramer, Germany

- 14:10-15:10 Lunch
- 15:10-16:10 Sponsors presentation
- 16:10-16:30 Coffee break
- 16:30-18:00 Paper presentations: **Topic 1:** High Quality Welding *ZAVARIVANJE* 2018

   20:00-24:00 Gala dinner

Hotel Metropol Lavander I. Andric exhibition hall

Lavander Aristotle Restaurant *"Jezero by Azzaro"* 

### Friday October 12th

HOTEL Metropol

09:30-10:40 Keynote Speeches

Lavander

METAL ADDITIVE MANUFACTURING OF LARGE SCALE PARTS Luisa Coutinho, A. Cereja, R. Bola, E. Assunção, I. Pires, A. Lopez, Portugal QUALIFICATION OF WELDING PERSONNEL BY USING MODERN METHODS AND EQUIPMENT Christian Ahrens 89 YEARS OF EXPERIENCE IN THE WELD-RELATED PRODUCTION AND REPAIR OF ROTORS FOR GAS AND STEAM TURBINES

Sorin Keller, Germany

**HOTEL Metropol** 

Lobby hotel Metropol Lavander Lavander Lavander Ivo Andric exhibition hall

## **HOTEL Metropol**

Lavander

Lavander

Lavander

Lavander

I. Andric exhibition hall

10:40-11:00	Coffee break	I.Andric exhibition hall
11:00-12:40	Paper presentations:	
	Topic 1: High Quality Welding	Lavander
	Topic 3: Welding of pipelines	Aristotle
12:40-13:00	Coffee break	I. Andric exhibition hall
13:00-15:00	Paper presentations:	
	Topic 1: High Quality Welding	Lavander
	Topic 2: Structural Integrity and Life of Welded Joints/Structures	Aristotle
15:00-16:00	Lunch	Hotel Metropol
16:00-17:30	Paper presentations:	-
	Topic 4: Education, Qualification, Certification of Personal	Lavander
	ZAVARIVANJE 2018	Aristotle
17:30	Closing ceremony	Lavander

## Saturday October 13<sup>th</sup>

09:00-18:00 Wine Tour, Serbian Monastery, Lunch

## PAPER PRESENTATIONS

Thursday October 11 <sup>th</sup>	HOTEL Metropol				
16:30-18:00 <b>Topic 1:</b> High Quality Welding	Lavander				
OXY-FUEL CUTTING - AUTOMATION MAKES THE DIFFERENCE					
Kurt Nachbargauer, Germany					
PROPERTIES MISMATCHING AND DISTRIBUTION ON STRUCTURAL STEELS WELDED JOINTS					
Ismar Hajro, Petar Tasic, Bosnia & Herzegovina					
MICROSTRUCTURAL ANALYSIS OF INCONEL 625 NICKEL ALLOY /AISI 2205 DUPLEX STAINLESS STEEL					
Tuba Karahan, Tolga Mert, Mustafa Tümer, Turkey					
LASER WELDING PARAMETERS EFFECTS ON THE WELD METALS PROPERTIES AT DUPLE	X STAINLESS STEELS				
Enikő Réka Fábián, Hungary INFLUENCE OF WELDING PARAMETERS ON WELDED JOINT GEOMETRY AT CA					
PERCUSSION WELDING OF AUSTENITIC STEEL WIRES					
Edin Džiho, Sead Pašić, Bosnia & Herzegovina					
HARDFACING MATERIAL SOLUTIONS FOR HIGH PERFORMANCE	COATINGS IN				
WEAR AND CORROSION APPLICATIONS					
Frank Schreiber, Germany					
SPECIALIZED POSITIONERS AND MANIPULATORS FOR ROBOTIC ARC WELDING ALLOW BETTER-QUALITY,					
SAFER WELDS					
Nicolae Joni, Alex Joni, Romania					
THE EFFECT OF FRICTION STIR WELDING SPEED ON MICROSTRUCTURE, MECHANICAL F	PROPERTIES AND IGC				
OF EN AW-5083 PLATES					
M. Pavlović, Lj. Radović, I. Radisavljević, N. Radović, Serbia					
EFFECT OF FLAME STRAIGHTENING ON MICROSTRUCTURE AND FRACTURE BE GENERATION HIGH STRENGTH STEELS	HAVIOUR OF NEW				
GENERATION FIGH STRENGTH STEELS					

R. Molnar, A. Feier

ZAVARIVANJE 2018

16:30-18:00

REVIEW ON WELDING OF DISSIMILAR JOINT P91/TP310 ON BOILER COMPONENTS Ivan Samardžić, Tihomir Marsenić, Božo Despotović, Dejan Marić, Croatia WELDING TECHNOLOGY FOR AREAS OF THE GENERATOR ROTOR HUB WHERE CRACKS WERE DETECTED AT HYDRO POWER PLANT 'DJERDAP 1'

Miodrag Arsić, Srđan Bošnjak, Vencislav Grabulov, Brane Vistać, Zoran Savić, Serbia **LEAD APPLICATION ON CARBON CONSTRUCTION STEEL – LEAD COATING (HOMOGENEOUS)** Mića Đorđević, Dragan Đorđević, Vladimir Đorđević, Serbia

THE INFLUENCE OF THE TRANSVERSE INCLINATION OF THE MAG WELDING TORCH ON THE GEOMETRY OF THE ROOT SEAM

Dragoslav Dobraš, Bosnia & Herzegovina

WELDING OF THICK-WALLED STEELS IN A NARROW GROOVE

**Topic 1:** High Quality Welding

Radomir Jovičić, Nebojša Pantelić, Danijel Pavlović, Simon Sedmak, Živko Štrbački, Jernej Markež, Katarina Jovičić Bubalo, Serbia

INFLUENCE OF GROOVE EDGE TEMPERATURE AND HEAT INPUT ON THE STRUCTURE AND HARDNESS OF THE HEAT AFFECTED ZONE OF A P460NL1 STEEL WELDED JOINT

Radomir Jovičić, Ljubica Radović, Nada Ilić, Zijah Burzić, Svetlana Štrbački, Milica Antić, Serbia

## Friday October 12<sup>th</sup>

11:00-12:40

IMPACT PARAMETERS ON WELD QUALITY AT MODERN RESISTANCE WELDING

M. Uran, D. Zuljan, Slovenia

MICROSTRUCTURAL AND TOUGHNESS ANALYSIS OF MICROALLOYED STEEL WELD METAL AT DIFFERENT HEAT INPUTS

Radica Prokić Cvetković, Olivera Popović, Zijah Burzić, Radomir Jovičić, Ivana Cvetković, Serbia LASER WOBBLING WELDING OF DISSIMILAR NICKEL SUPER-ALLOYS FOR AEROSPACE APPLICATIONS Rinaldo Rigon, F. Casadei, L. Lusvarghi, P. Veronesi, G. Bolelli, Italy

EXPERIMENTAL INVESTIGATIONS ON BUILT-UP BEAMS MADE OF THIN-WALLED COLD-FORMED STEEL USING RESISTANCE SPOT WELDING OR MIG BRAZING

Viorel Ungureanu, Romania

FRACTURE TOUGHNESS OF BASE AND WELD METAL OF ALUMINUM ALLOY EN AW 7049A T652 FSW JOINT Milenko Perović, Tomaž Vuherer, Darko Bajić, Katarina Gerić, Sebastian Baloš, Marko Rakin, Serbia EFFECT OF FSW WELDING SPEED ON MECHANICAL PROPERTIES OF AA2024 T351 ALUMINUM ALLOY Dragan Milčić, T. Vuherer, I. Radisavljević, M. Milčić, J. Radovanović, N. Zdravković, Serbia DETERMINATION OF WELDING PARAMETERS IN HARD SURFACING PROCESS FROM PRE-WELDED AND 3D SCANNED SUBSTRATE

Goran Salopek, Marko Dunđer, Ivan Samardžić, Croatia

11:00-12:40 **Topic 3:** Welding of pipelines

PIPELINE GIRTH WELD STRENGTH MATCHING REQUIREMENTS IN INDUSTRY CODES AND STANDARDS William A. Bruce, USA

SOME TECHNOLOGICAL FEATURES IN THE IMPLEMENTATION OF THE ASSEMBLY WELDING WORKS FOR THE CONSTRUCTION OF ISOTHERMAL TANKS

Marin Beloev, Nikolay Lolov, Bulgaria

APPLICATION OF PRESS WELDING TECHNIQUES FOR DIFFERENT TYPES OF CORROSION OF THE PIPES IN THE CONSTRUCTION FIELD PIPELINES

Viktor Brovko, Mihail Grigoriev, Vladimir Khomenko, Russia

MECHANICAL PROPERTIES AND STATISTICAL DATA ON THE RELIABILITY OF WELDED JOINTS OF PIPELINES EXECUTED BY FLASH-BUTT WELDING

Khomenko V.I., Lorenz V.Ja., Beloev M., P. Darjanov, Russia

### Aristotle

HOTEL Metropol

Aristotle

Lavander

# TECHNOLOGY AND EQUIPMENT FOR FLASH-BUTT WELDING OF THICK-WALLED TUBES OF OIL FISHING IS POSSIBLE

V. Khomenko, Kazantsev Yu., Kazantsev M., Vinogradov V., Yakovenko, A., Sazanov S., Russia

NEW HIGHLY PRODUCTIVE TECHNOLOGY OF COMBINED WELDING OF MAIN PIPELINES OF MAJOR DIAMETER

Vladimir Khomenko, Russia

## CAUSES FOR FRACTURE APPEARANCE IN THE ARC WELDED JOINTS OF X60M (L415MB) STEEL PIPES Sveto Cvetkovski,, Macedonia

## A-TIG IN PIPE WELDING

Miroslav Dramićanin, Sebastian Baloš, Petar Janjatović, Ivan Zabunov, Milan Pećanac, Dragan Rajnović, Leposava Siđanin, Serbia

13:00-15:00 **Topic 1:** High Quality Welding

Lavander

**INVESTIGATION OF RESIDUAL STRESSES IN DISSIMILAR COPPER-STEEL JOINT WELDED BY ELECTRON BEAM** Petar Petrov, D. Kaicheva, G.Bokuchava, I.Papushkin, S. Valkov, Bulgaria

# IMPROVEMENT OF THE PROPERTIES OF LAYERS OBTAINED BY SURFACING USING TIN AND SIC NANOPARTICLES

Hristo Kondov, P. Tashev, E. Tasheva, Bulgaria

LASER CLADDING USING HIGH ALLOYED POWDERS

Alexandru PASCU, Elena Manuela STANCIU, Mircea Horia ȚIEREAN, Cătălin CROITORU, Romania

LASER WELDING OF DISSIMILAR STEELS

Elena Manuela STANCIU, Alexandru PASCU, Teodor MACHEDON, Elena MACHEDON, Ionut Claudiu ROATA, Romania

INFLUENCE OF HVOF DEPOSITION THICKNESS ON ADHESION STRENGTH OF WC–CRC–NI COATINGS Alin Murariu, I. A. Perianu, Romania

INFLUENCE OF CUTTING PARAMETERS ON THE QUALITY OF THE CUT SURFACES OF STEELS WITH A LASER BEAM

Dobre Runchev, Filip Zdraveski, Irena Ivanova, Macedonia

THE INFLUENCE OF WELDING SPEED AND CURRENT IN WELD SHAPE IN FORCE ARC PROCESS

Petar Janjatović, Borislav Savković, Pavel Kovač, Sebastian Baloš, Miroslav Dramićanin, Ivan Zabunov, Serbia Important findings in Wire + Arc Additive Manufacturing

D. Klobcar, D. Bračun, M. Soković, M. Bušić, S. Baloš, and M. Pleterski, Slovenia

13:00-15:00**Topic 2:** Structural Integrity and Life of Welded Joints/StructuresAristotle

# COMPREHENSIVE APPROACH TO WELD REPAIR ON ELEMENTS OF POWER TRANSMISSION – CASE STUDY FOR HYDRO TURBINE SHAFT

Dejan Momčilović,, Serbia

THE INTEGRITY AND LIFE OF WELDED CONSTRUCTION

Mersida Manjgo, Meri Burzić, K. Ćolić, DŽ. Gačo, Zijah Burzić, Bosnia & Herzegovina

MONITORING PROGRAM FOR MATERIAL'S DEGRADATION DURING EXPLOATATION AND ASSESSMENT OF STRUCTURE SAFETY FOR LIFETIME EXTENSION

Sead Avdić,, Bosnia & Herzegovina

ANALYSIS OF THE INFLUENCE OF DIFFERENT TYPES OF COATINGS ON INCREASING THE WORKING LIFE OF CONSTRUCTIONAL ELEMENTS OF THE VENTILATION MILL AND REDUCING THE WEAR OF WORKING SURFACES

Marko Ristić, Ivana Vasović; Vladimir Bošković; Christof Sommitch; Jasmina Perišić, Serbia

NEW TOOLS FOR STEELS WELDABILITY MODEL BASED ON THE RISK ASSESMENT

Bodea Marius, C.V Prică, N.A. Sechel, Romania

ANALYZING THE BEHAVIOR OF TERMONERGETIC FACILITIES USING CFD, TERMOGRAPHY AND EXPERIMENTAL ANALYSIS

Ivana Vasović, Marko Ristić; Mirko Maksimović; Radica Prokić-Cvetković; Ljiljana Radovanovć, Serbia

# COMPUTER AND SUPERCOMPUTER TECHNOLOGIES FOR THE DESIGN AND TECHNOLOGICAL DESIGN OF WELDED STRUCTURES

Sergey Medvedev, Klimov K.A., Belarus

16:00-17:30**Topic 4:** Education, qualification, certification of personalLavander

SOME ASPECTS OF TRAINING, QUALIFICATION AND CERTIFICATION OF WELDERS IN SLOVENIA Miloš Jovanović, M. Uran, D. Zuljan, U. Zupanc, Slovenia ACCEPTANCE CRITERIA FOR IMPERFECTIONS OF THE WELDED JOINTS STEEL AND DUCTILE IRON Lazar Brestovački,, Serbia THE BWS ACTIVITY TO IMPROVE WELDING PERSONNEL QUALIFICATIONS BASED ON THE CUSTOMER'S REQUIREMENTS ON PROCESSES, MATERIALS AND APPLICATIONS IN 2018

M. Beloev, P. Darjanov, P. Popgeorgiev, Bulgaria

## 16:00-17:30 ZAVARIVANJE 2018

Aristotle

# SELECTION OF THE OPTIMAL HARD-FACING TECHNOLOGY FOR REPERATION OF THE THERMORESISTANT STEEL PARTS

Dušan Arsić, Vukić Lazić, Peter Palček, Ružica Nikolić, Ljubica Radović, Nada Ilić, Serbia CORROSION DAMAGE AND REPAIR WELDING OF PRESSURE VESSELS

Branislav Đorđević,, Serbia

CHARACTERISTICS OF STRUCTURES WITHIN WELDING JOINTS OF HARDENED STEEL DEPENDING ON THE WELD THERMAL CYCLE

Darko Bajić, A.M. Savytsky, M.M. Savytsky, V.N. Vashenko, Y.M. Shkrabalyuk, Montenegro **PRODUCTIVITY CONSIDERATIONS FOR MANUFACTURING, MAINTENANCE AND REPAIR WELDING** Milo Dumovic,, Australia

RESISTANCE TO THE PITTING CORROSION OF AUSTENITIC STAINLESS STEEL WELDED JOINTS IN THE RELATION TO SHIELDING GAS COMPOSITION

Behar Alić, Sead Pašić, Bore Jegdić, Biljana Bobić, Bosnia & Herzegovina

CLADDING OF CONSTRUCTION STEEL BY HOT ROLL BONDING PROCESS

Andrej Skumavc, J. Novak, Slovenia

WELD CLADDING OF S355 STEEL WITH RECTANGULAR ELECTRODE COVERD RUTILEN 2000 S COATING Edvard Bjelajac, Tomaž Vuherer, Gorazd Lojen, Slovenia

PRIMJENA DUPLEKS ČELIKA ZA ADITIVNU PROIZVODNJU ELEKTRIČNIM LUKOM I ŽICOM

I. Jurić, I. Garašić, Z. Kožuh, J. Eržišnik, D. Uđbinac, Slovenia

## VENUE

*Serbia* has connected West with East for centuries – a land in which civilisations, cultures, faiths, climates and landscapes meet and mingle.



Located in the centre of the Balkan Peninsula, in south-eastern Europe, Serbia is a crossroads of Europe and a geopolitically important territory. The international roads and railway lines, which run through the country's river valleys, form the shortest link between Western Europe and the Middle East.

From the agricultural regions of the Pannonia Plain in the north, across the fertile river valleys and orchard-covered hills of

Šumadija, the landscape of Serbia continues southward, gradually giving way to mountains rich in canyons, gorges and caves, as well as well-preserved forests.

The cultural and historical heritage of Serbia begins with prehistoric archaeological sites and its legacy from classical antiquity. Perhaps its greatest riches, though, are in the many mediaeval Serbian churches and monasteries, some of which are included on the UNESCO World Heritage list.

Today, Serbia is a modern, democratic European country, on the path to membership of the European Union, which a diverse range of visitors – from young backpackers to participants in congresses and fairs – visit every day.

## http://www.serbia.travel/about-serbia.713.html

**Belgrade** is the capital of Serbia and also capital of the Serbian culture, education, science and economy. City lies at the confluence of the Sava and Danube rivers.

The area around two great rivers has been inhabited as early as Palaeolithic period.

Belgrade is one of the oldest cities in Europe, first settled in the 3rd century BC by the Celts and since ancient times it has been an important traffic focal point, an intersection of the roads of Eastern and Western Europe.

The name BELGRADE (meaning white city: beo - white, grad - city) is the Slavic version of its old Celtic name, Singidunum.



There are many things to see in Belgrade such as the Belgrade Fortress and the Kalemegdan Park, the main street and pedestrian zone - Knez Mihailova St., the famous bohemian quarter - Skadarlija, Ada Ciganlija -"Belgrade Sea", the Parliament, St. Mark's Church and the Tašmajdan park, the Church of St. Sava and Karadjordje's Park, the Old Palace, Royal Palace, White Palace (Assembly of the City of Belgrade) and many more

impressive historical and tourist attractions from various historical periods, museums, cultural monuments of great importance or even Belgrade underground. The hilltop Avala Monument and Avala Tower offer views over the city.

Congress Venue - The Congress will take place at the Metropol Palace Hotel



Originally designed as the venue for a conference in 1960s, the hotel today blends the era's international architectural and interior style with contemporary luxury.

Metropol Palace's central setting next to the grand Tašmajdan park invites you to explore Belgrade's many monuments, palaces, theatres and museums all within a short stroll from the hotel.

## http://www.metropolpalace.com/

## ACCOMODATION

As the congress takes place in the very center of the city, there are many possibilities for accommodation, both in hotels and hostels, apartments, guesthouses etc. Here are some of them:

Metropol Palace <u>http://www.metropolpalace.com/</u> Zira Hotel <u>http://www.zirahotels.com/</u> Hotel ParkBeograd <u>http://www.hotelparkbeograd.rs/</u> Hotel Prag <u>http://www.hotelprag.rs/</u> Hotel Tash <u>http://www.hoteltash.com/</u> Belgrade apartments: <u>https://belgrade-apartments.net/</u> <u>https://beoapartman.com/</u>

## **CONGRESS SOCIAL PROGRAMME**

Gala Dinner will be held in Restaurant "Jezero by Azzaro". Transportation of congress participants will be organized in front of Metropol Hotel at 20h.



GPS coordinates: 44.789356, 20.410191

Beside Welcome reception cocktail and Conference dinner provided for all participants, participants and their accompanying persons can participate in tours such as:

**Belgrade sightseeing walking tour (3 hours), October 10<sup>th</sup>** - Meeting point at the hotel Metropol at noon (12:00 pm), meeting guide and introduction, the walking through Vračar streets toward Nikola Tesla museum and some interesting info about, then going to Saint Sava temple with visit to the crypt if the guest want (it is amazing).

Later we go to Slavija square and the King Milan Street with the flowers square, student cultural center and 3rd highest building Beogradjanka and the oldest tree in the city center. We will see the old and the new Royal palaces (nowdays city hall and presidency) pioneers park, Terazije square with the old fountaun and gotel Moscow, the Palace of Albania, the Republic Square. Pedestrian Street Knez Mihailova, Kalemegdan Park with Belgrade fortress, victor monument, confluence of the Sava and the Danuve rivers, stories about history, New Belgrade and the old town of Zemun as well. After this we go to agreed position for pick up transport back to hotel.



**Post Congress tour: Vojvodina tour (Sremski Karlovci, Fruska Gora monasteries, Winery visit), October 13**<sup>th</sup> - Slopes of Fruska Gora and Sremski Karlovci are significant places for Serbia's history, culture and national heritage. For number of visitors of Serbia these places are "a must", and there is a firm reason for each of them. For some it's a place of spirituality thanks to eighteen living monasteries, for others it's a region of wine with more than 60 wineries and for some it's just

a place of beautiful nature in National park of Fruska Gora. The Town of Sremski Karlovci combines all of it: history, religion, wine and beauty.

## **EXHIBITION AREA**

Company	Booth	Company	Booth
Durum	2	3M	12
Ductil	5	ICI	1
Messer	3	Kontolinspekt	10
Honex / Mosa	4	Neminik	7
Proficut	6	Var sistem	14
Elimp	11	Fin Import	9
Galeb System	8	Trokut test	13



## **CONTACT & INFORMATIONS**

## **DUZS – Serbian Welding Society**

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