



*European Industrial
and Technical Heritage
Year*

In this year, which is dedicated to European industrial and technical heritage, we would like to emphasize the importance of knowledge, which preserved the metallurgical industry through the centuries and enabled it to develop, and to point to preservation and protection of technical, technological and cultural heritage.

2. International Symposium **Between Iron and Culture**

Innovations in Metallurgy and Cultural Heritage

Ravne na Koroškem, 5th and 6th November 2015
 Ravne Secondary School, Na gradu 4a, 2390 Ravne na Koroškem

In cooperation with:



Občina Ravne
na Koroškem



Between Iron and Culture Innovations in Metallurgy and Cultural Heritage



THURSDAY, 5.11.2015

8:30-9:30 Registration of the participants in the lobby of Srednja šola Ravne /Ravne Secondary School

9:30-10:15 **Welcome speeches**
Maksimilijan Večko, President of the Slovenian Trail of Iron Culture Society
Marjan Mačkošek, GZS president and MD of Štore Steel
Andrej Gradišnik, MD of Metal Ravne
Danilo Anton Ranc, Deputy of the National Assembly of the Republic of Slovenia
Sonja Ičko, President of TICCIH Slovenia Committee, vice president ICOMOS Slovenia
Tomaž Rožen, Mayor of the Ravne na Koroškem Municipality
Ivanka Stopar, Headmistress of the Ravne Secondary School

10:15-10:30 Break

10:30---11:00 **INTRODUCTORY LECTURE**
Jakob Lamut, Technological Development of Steel Production

11:00---13:00 **TECHNOLOGICAL DEVELOPMENT OF IRON AND STEEL METALLURGY**
Run by: **Karla Oder**

11:00---11:15 **Tibor Laar**, The Kerpely Generator

11:15-11:30 **Gerhard Sperl**, The Birth of the Oxygen Top-blowing Process, called the LD-Process

11 :30-11:45 **Janos Toth**, Most of the Iron is Used in Oil and Gas Industry

11 :45-12:00 **Irena Lačen Benedičič**, Knight Lambert von Pantz, the first innovator of the Crain Industrial Company (Kranjska industrijska družba)

12:00---12:20 **Boris Bregant**, Development of Jesenice Ironworks

12:20---12:40 **Jakob Lamut**, Slag Reduction from Furnaces in the Štore Ironworks.

12:40---13:00 **Borut Urnaut, Karla Oder, Andrej Gradišnik**, Milestones in the Development of Steelmaking in Ravne na Koroškem

13:00---14:00 Lunch

14:00---16:00 **TECHNOLOGICAL DEVELOPMENT AND INFLUENCE OF INNOVATIVENESS ON COMPETITIVENESS OF COMPANIES**
Run by: **Maksimilijan Večko**

14:00---14: 15 Martin Debelak, Awards of the Chamber of Commerce and Industry of Slovenia for Innovative Activity

14: 15-14:30 **Boris Bregant**, Innovativeness in the Jesenice Ironworks

14:30---14:45 **Marko Mugerli**, Development Department of the Jesenice Ironworks

14:45-15:00 **Jožef Šegel**, Complete Introduction of the Process Computer in to Technological Processes of the Ravne Steelworks

15:00-15:15 **Milan Švajger**, Summary of Electrical Melting Under Slag Development in Ravne (EPZ)

15:15-15:30 **Gabor Sekereš**, Technological Development and Influence of Innovativeness on Competitiveness of Companies

15:30-15:45 **Slavica Glavan, Miha Kovačič**, Innovativeness for the Youth

15:45-16:00 Discussion

16:00-16:15 Break

16:15-17:30 PRESERVATION OF TECHNICAL AND TECHNOLOGICAL HERITAGE
Run by: **Irena Lačen Benedičič**

16: 15-16:30 **Verena Perko**, European Directives and Slovenian Reality of Preserving Cultural Heritage

16:30-16:45 **Ivana Leskovec**, Dams (klavže) of Idrija

16:45-17:00 **Anton Zelene, Martina Peljhan**, Innovations of Annealing Furnaces in Idrija

17:00-17:15 **Suzana Fajmut Štrucl**, Heritage of the Mežica Mine

17:15-17:30 **Karla Oder**, Cultural Heritage from the Puddling to the Electric Arc Furnace

17:30-18:00 Discussion

18:30 Reception for the Participants

FRIDAY, 6. 11. 2015

Excursion
9.00 Ravne na Koroškem Museum, exhibition
»Mati fabrika -Železarna Ravne«
The underground world of Peca, tourist mine and museum

The symposium organisers
Slovenian Trail of Iron Culture Society
Ravne Secondary School

Organising and program committee:
Maksimilijan Večko, Jakob, Lamut, Karla Oder, Slavica Glavan, Gorazd Tratnik, Irena Lačen, Benedičič, Marko Mugerli, Martin Debelak

Supported by:
SIJ – Slovenska industrija jekla, d.d., Metal Ravne d. o. o., Štore Steel d.o.o., Ravne na Koroškem Municipality, Ministry of Education, Science and Sport, Slovenian Institute for Adult Education

APPLICATION FORM

for the 2. International Symposium
Between Iron and Culture

Innovations in Metallurgy and Cultural Heritage

Ravne na Koroškem, 5th and 6th November 2015

Ravne Secondary School, Na gradu 4a,
2390 Ravne na Koroškem, Slovenia

Participation is free.

Senci by 28 October 2015.

One person per application form.

CONTACT AND PERSONAL INFORMATION:

Title: _____

First Name: _____

Family Name: _____

Organisation /Company: _____

Address: _____

Zip code: _____ City: _____

State: _____

Phone: _____

Fax: _____ E-mail: _____

EXCURSION

I will use my own vehicle: YES NO

SEND THE APPLICATION FORM TO:

Karla Oder

Slovenska pot kulture železa

Koroška cesta 12, 2390 Ravne na Koroškem, Slovenia

Phone: 02/62 12 565; 041/264 320

Fax: 02/870 64 61

E-mail: karla.oder@gmail.com

Date: ___/___/ 2015

Signature: _____