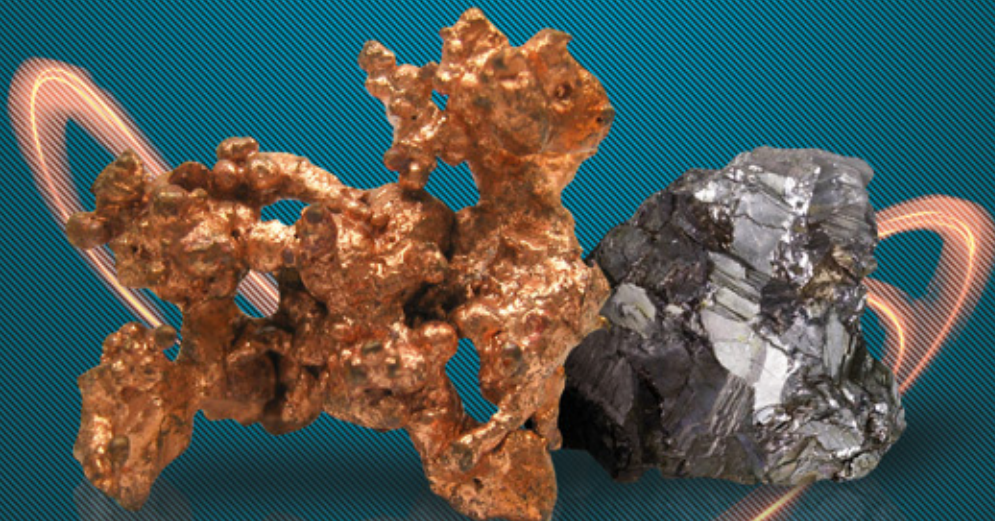


INTERNATIONAL CONFERENCE

METALLURGY OF NON-FERROUS METALS

UNDER THE PATRONAGE OF
PRESIDENT OF KGHM P. M. S.A. - HERBERT WIRTH



KRAKÓW, POLAND
17-19 NOVEMBER 2014
HOTEL „NOVOTEL”

SECOND ANNOUNCEMENT

ORGANIZED BY:



Instytut
Metali Nieżelaznych
Gliwice



1. SCOPE OF THE CONFERENCE

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1. SCOPE OF THE CONFERENCE

The organizers of the conference would like to invite you to take part in the international conference on metallurgy of non-ferrous metals.

The conference is intended to provide a forum for researchers and engineers from the R & D centres and industry to discuss and exchange of information on new technologies and installations used in non-ferrous metals metallurgy, particularly in copper metallurgy and metallurgy of metals associated with copper ores.

The conference will cover the following topics:

- charge preparation
- pyrometallurgical processes
- hydro- and electrometallurgical processes
- metals recovery
- fire and electrolytic refining
- environmental protection
- recycling and waste utilization
- metallurgy of by-products and critical metals
- thermal engineering and reduction of energy consumption
- foundry of n-f metals
- new methods of control and automation
- new research and quality control methods
- production profitability aspects

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2. CONFERENCE CHAIRMAN

CONFERENCE CHAIRMAN:

Zbigniew Śmieszek – IMN Managing Director, SITMN Chairman

PROGRAMME AND SCIENTIFIC COMMITTEE:

Chairman:

Andrzej Chmielarz – IMN Deputy Director

Marianna Czaplicka – IMN

Józef Czernecki – IMN

Ryszard Chamer – IMN O/Legnica

Tomasz Chmielewski – Wrocław University of Technology

Krzysztof Fitzner – Komitet Metalurgii PAN

Jerzy Łabaj – Silesian University of Technology

Norbert L. Piret – Piret&Stolberg Partners Consulting Engineers

HONORARY COMMITTEE:

Chairman:

Herbert Wirth – President of KGHM PM S.A.

Leszek Blacha – Silesian University of Technology

Jerzy Czekał – Bolesław Recycling sp. z o.o.

Andreas Filzwieser – Mettop GmbH, Austria

Artur Król – HM Głogów KGHM PM S.A.

Mirosław Indyka – HC „Miasteczko Śląskie” S.A.

Kari Knuutila – OUTOTEC Oy, Finlandia

Florian Kongoli – FLOGEN Technologies Inc., Canada

Jerzy Langer – EIT+, Wrocław

Andrzej Łatka – ZM Silesia S.A.

Bogusław Ochab – ZGH „Bolesław” S.A.

Kazimierz Poznański – IGMNiR

Maria Richert – AGH Kraków

Józef Siwiec – ZM Ropczyce S.A.

Jerzy Siwka – Częstochowa University of Technology

Michael Stelter – TU Bergakademie Freiberg, Niemcy

Pekka Taskinen – Aalto University, Finlandia

Andrzej Trochimczuk – Wrocław University of Technology

Artur Więznowski – KGHM PM S.A.

Paweł Zięba – Inst. of Metallurgy and Materials Science Polish Academy of Science

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MONDAY, NOVEMBER 17

Registration starting from 11.00 (hotel Novotel)

13.00 Lunch

14.30 Conference opening

PLENARY SESSION I

Primary copper smelting, some recent trends - *Ilkka V. Kojo, Markus A. Reuter - Outotec Oyj, Finland*

PCB Scrap processing Options: Dedicated separate Processing versus Copper Smelter? - *N.L. Piret, Piret & Stolberg Partners, Germany*

KGHM research policy in the light of present challenges - *A.Juzyk, K.Rogóż - KGHM PM S.A., Poland*

Coffee break

PLENARY SESSION II

Means of removing lead and arsenic during the copper production cycle in upgraded technology of KGHM Polska Miedź S.A. - *J.Czernecki, Z.Miczkowski i inni - IMN Gliwice, L.Byszyński, Z. Gostyński i inni - KGHM PM S.A., Poland*

Hydrometallurgical processing of sulphide copper ores in Cobre las Cruces mine - *Manuel del Pino - Cobre las Cruces S.A., Spain*

Refractory materials in the lead Metallurgy - *J.Siwiec, M.Darłak, W.Zelik - ZM "Ropczyce" S.A., Poland*

19.30 Dinner - restaurant „Wentzl”, Kraków, Rynek Główny 19 (Main Market Square 19)

TUESDAY, NOVEMBER 18

SESSION III - STARTING FROM 9.00

Modernization of process technology of processing Electric Arc Furnace Dust in Bolesław Recycling Sp. z o.o. - *P.Kapias, R.Michalski, S.Kulawik - IMN Gliwice; J.Jakubowski, J.Galicki, J.Czekaj - Bolesław Recycling Sp. z o.o., Poland*

Conditioning of lead slag in the electric and TSL furnaces - *R.Prajsnar, J.Czernecki - IMN Gliwice, Poland*



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New Engitec's smelting unit design: Automated charge and rotary tilting furnace -
M.Maccagni, G.Pizzocri - Engitec Technologies S.P.A., Italy

Improving metal-processing economics through advanced process automation and simulation
- J.Vohryzek - Advanced Solutions Honeywell, spol.s.r.o., Czech Rep, N. Freeman- Honeywell

Application and results of oxyfuel diluted combustion in copper anode furnaces - *D.Spoljaric, M.Potesser e.a. - Messer Group GmbH, Austria*

Coffee break

SESSION IV

A brief review on solvent extraction for the recovery of uranium - *Introduction of the Cominak process- A.Chagnes, G.Cote - IRCP-Chimie Paristech, France*

Synergistic effects in selective extraction of zinc(II) and copper(II) ions from aqueous chloride solutions- *B. Pośpiech - Częstochowa University of Technology, Poland; A.Chagnes - IRCP-Chimie Paristech, France*

The Fluoroborate Technology for Copper and Lead Electrorefining - *M.Maccagni - Engitec Technologies S.P.A., Italy*

Corrosion and wear of mixed metal oxide anodes in electrowinning - *J.Aromaa, I.Lehtiniemi e. a. - Aalto University, Finland*

The effect of electrolyte composition and temperature on operating potential of mixed metal oxide anodes in electrowinning - *I. Lehtiniemi, J.Aromaa e.a. - Aalto University, Finland*

Selected problems of hydrometallurgical processing technology of sulphide copper concentrates - *T. Chmielewski - Wrocław University of Technology; M.Richert, S.Matecki, S.Pietrzyk e.a. - AGH Kraków*

13.35 - 14.30 Lunch

SESSION V

Electrowinning of tellurium from acid solutions - *R.Kowalik, D.Kutyła e.a. - AGH Krakow, Poland*

Electrolytic Ni-Mo alloys polymer modified - *J.Niedbała - IMN Gliwice, Poland*

An investigation of the effect of magnetic field on separation time in copper leaching process - *M. Changizi, A.Mohebbi- Shahid Bahonar University, Iran; S.Daneshpajoo, A. Noroozi Behjat - Sarchesme Copper Complex, Iran; A.Entezari Zarandi - Laval University, Kanada*

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Structure of slags from fluidized-bed process - *T.Karwan, J.Nowakowski - AGH Kraków;*
Z.Gostyński, R.Konefał – KGHM HM Głogów, Poland

Methods of economical management of copper industry waste slags - *G.Krawiec, S.Gizicki i inni*
- *IMN Gliwice*

Recovery of zinc from the steel dusts by reduction - laboratory tests - *P.Palimąka, S.Pietrzyk,*
T.Sak - AGH Kraków

Coffee break

SESSION VI

Production of copper and copper alloys under vacuum - *G.Jarczyk, ALD Vacuum Technologies*
GmbH, Germany

Lowering emissions in a secondary lead smelter - *M.Maccagni - Engitec Technologies S.P.A., Italy*

Methods for removing mercury from technological gases - *M.Czaplicka, G.Krawiec - IMN Gliwice,*
Poland

Modelling of reduction process of copper by natural gas - *E.Kolczyk, Z. Miczkowski, G. Krawiec -*
IMN Gliwice

19.30 - Dinner - restaurant „Bohema”, Kraków, Gołębia str. 2

WEDNESDAY, NOVEMBER 19

SESSION VII - STARTING FROM 9.00

Innovative solutions in technology for lead and zinc recovery from secondary materials -
R.Chamer, Ewa Szydłowska-Braszak - IMN O/Legnica, Poland

Technological aspects of refining of lead from tallium - *R. Chamer, Z.Kurek e.a. - IMN O/Legnica*

The recovery of tungsten and cobalt from the cemented carbide treatment wastes - *D.Kopyto,*
K.Leszczyńska-Sejda e.a. - IMN Gliwice, Poland

Recovery of tungsten from calcium-tungsten deposits - *R.Chamer, E.Szydłowska-Braszak - IMN*
O/Legnica, Poland

Leaching Ba(II) ions from CRT waste glass - *M.Wojtala, B.Gajda, J.Siwka - Częstochowa University*
of Technology, Poland

 IGMNIr
Izba Gospodarcza Metali Nieżelaznych i Recyklingu

 WYDZIAŁ
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Dezincification of dusts and sludges from basic oxygen furnaces for steel production –
K.Gargul - AGH Kraków

Coffee break

SESSION VIII

Synthesis of compounds containing refractory metals for the purpose to thermal reduction -
K. Leszczyńska-Sejda, G.Benke i inni - IMN Gliwice; T.Majewski - WAT Warszawa, Poland

Investigation of the application possibilities of domestic nickel(II) perrenate to tungsten heavy alloys production -
T.Majewski, J.Michałowski, J.Piętaszewski - WAT Warszawa; K.Leszczńska-Sejda - IMN Gliwice, Poland

Influence of extremely rapid melting and solidification rates on microstructural and phase changes of alloys based on reactive metals -
H.Paul - IMIM PAN Kraków, Poland

Application of EDXRF technique in analysis of the recycling of zinc-carbon and alkaline batteries composition. -
J.Dłubak, Z.Rogulski, A.Czerwiński - Industrial Chemistry Research Institute, Warsaw, Poland

The feasibility studies of chromium recovery from industrial waste -
S.Kowalska, A.Łukomska, R.Nycz - Industrial Chemistry Research Institute, Warsaw, Poland

Application of membrane separation processes for the recovery of metals and acid from industrial copper and zinc electrolytes -
M.Dubrawski, M.Czaplicka, J.Mrozowski - IMN Gliwice, Poland

conference closing

13.00 – lunch, departure

Presentation time - max. 20 min.

Besides of the presentations of papers in the sessions, the participants are welcome to present their ideas and topics in other forms e.g. posters.



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CONFERENCE SECRETARY

SITMN

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phone: +48 32 238 05 60
e-mail: sitmn@sitmn.pl

Instytut Metali Nieżelaznych

Anna Królikowska
phone: +48 32 238 04 55
e-mail: annak@imn.gliwice.pl

Informacje o konferencji są dostępne na stronie internetowej: www.imn.gliwice.pl

LANGUAGE AND PRESENTATION

The official languages of the conference are Polish and English. Simultaneous translation will be provided.

CONFERENCE VENUE:

Hotel „Novotel”, Krakow (Poland), Tadeusza Kościuszki St. 5.

TERMS OF PAYMENT

Please send the completed registration form before **October 25, 2014**.

The registration fee includes the full cost of accommodation, board and VAT .

738 EUR – conference participant (single room accommodation)

664,20 EUR – presenting author

553,50 EUR – conference participant without accommodation

492,00 EUR – presenting author

Payment due date: **25.10. 2014 r.**

by bank wire transfer with a note: “Metallurgy2014” + participant name

All banks charges are on Payer’s account.

Account holder:

Stowarzyszenie Inżynierów i Techników Metali Nieżelaznych (SITMN):

IBAN: PL87 2030 0 0045 1110 0000 0246 2630

Bank: Bank Gospodarki Żywnościowej

SWIFT: GOPZPLPW

Refund policy:

If the registration is cancelled 30 days before the event the full conference fee will be refunded,
14 days before event: ½, 7 days and less before event – the fee is not refundable.



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INTERNATIONAL CONFERENCE „METALLURGY OF NON-FERROUS METALS” KRAKÓW, 17-19 NOVEMBER 2014 R.

First name and
surname:

Affiliation:

Address:

Phone, fax:

e-mail:

VAT ID:

We declare herein that the VAT ID and address given above, needed for issuing the VAT invoice, are correct.

The registration fee includes the full cost of accommodation and board, dinners, conference proceedings.

PARTICIPATION COST:

738 EUR – conference participant
(single room accommodation)

x person. =

664,20 EUR – presenting author

x person. =

553,50 EUR – conference participant without accommodation x person. =

492,00 EUR – presenting author

x person. =

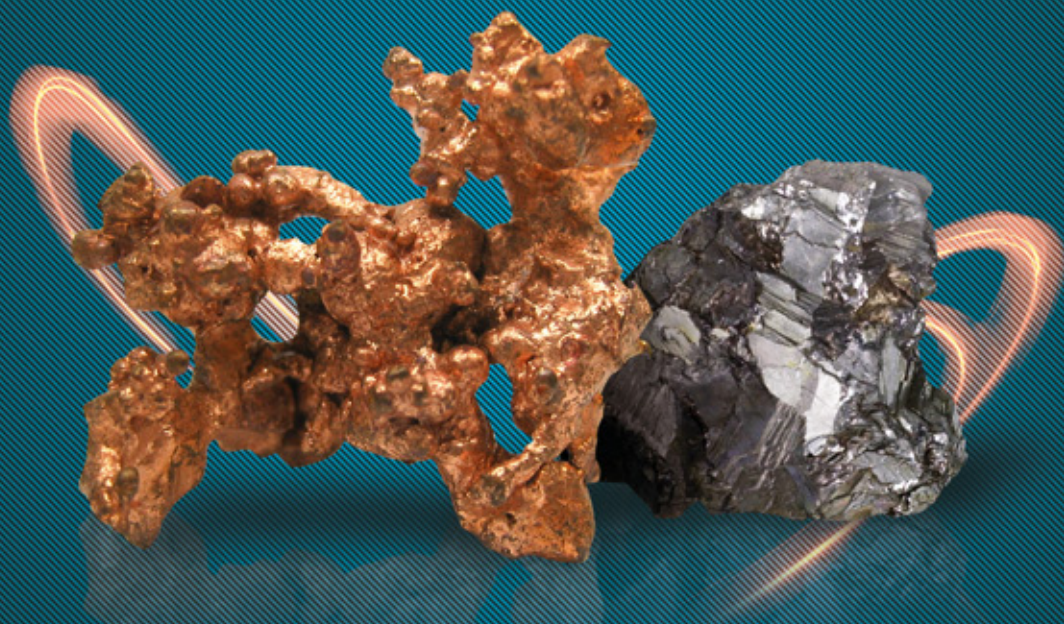
TOTAL:

Date:

Signature:

**The filled form should be sent before October 25,2014 to the Conference Secretariat by post or by fax:
+48 32 238 03 50 lub +48 238 05 60.**

* I agree to have my personal data included in my Registration Form processed for the purposes of the Conference in accordance with the act about the Personal Details Protection dated 29 August 1997



ORGANIZED BY:

