International Conference on

METAL, MINING AND MAGNETIC MATERIALS



November 01-02, 2018
Paris, France

EuroSciCon

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Agenda Day 1: November 01, 2018

09:00-09:30 **Registrations**

09:30-09:55 Opening Ceremony

09:55-10:00 **Introduction**

Session Start @ Londres

Keynote Presentations

10:00-10:40 **Title: Trouble with electron spin in the field of magnetism**
Georgi Shpenkov, University of Science and Technology in Bydgoszcz, Poland

10:40-11:20 **Title: Synthesis of single crystal magnetite nanoparticles encapsulated in apoferritin**
Hideyuki Yoshimura , Meiji University, Japan

Group Photo @ 11:20-11:25

Networking & Refreshments 11:25-11:40 @ Le Foyer

11:40-12:20 **Title: Thermal processing of raw materials by the extended discrete element method (XDEM)**
Bernhard Peters, University of Luxembourg, Luxembourg

12:20-13:00 **Title:Energy density of electromagnetic waves and its extension to all atoms of periodic classification**
Franck Delplace, ESI Group Scientific Committee, France

Plenary Session Introduction

Magnetism and Magnetic Materials | Electromagnetism | Spintronics | Superconductivity and Super fluidity | Special Magnetic Materials | Materials Processing | Metals and alloys | Nano Materials and Nano technology | Thermal Stresses | Corrosion

Session Chair: Franck Delplace, ESI Group Scientific Committee, France

Session Co-Chair: Georges Bouzerar, CNRS-Université Lyon, France

13:00-13:30 **Title: Magnetic microgel assemblies for injectable soft biocomposites**
L De Laporte , DWI-Leibniz Institute for Interactive Materials e V, Germany

Lunch Break 13:30-14:30 @ Food & More

Video Presentation

14:30-14:50 **Title: Magnetic moment of a charged quantum particle as a relativistic distribution of matter**
Eliade Stefanescu, Advanced Studies in Physics Center of the Romanian Academy, Romania

Plenary Session

14:50-15:20 **Title: Search for new high Tc superconductors and unusual irreversible magnetic behaviour in three unrelated materials**
Israel Felner , The Hebrew University of Jerusalem, Israel

15:20-15:50 **Title: Magnetic and transport properties in Mn doped III-V semiconductor: the cases of GaAs and InP**
Georges Bouzerar, CNRS-Université Lyon, France

Video Presentation

15:50-16:10 **Title: Processing of titaniferous magnetite ores with various content of titanium dioxide**
Andrey N Dmitriev, Russian Academy of Sciences, Russia

Networking & Refreshments 16:10-16:30@Le Foyer

Plenary Session

16:30-17:00 **Title: Microstructure and corrosion of Zn-Mg-Ca ternary alloys**

Jiri Kubásek , UCT Prague, Czech Republic

Video Presentation

17:00-17:20 **Title: Corrosion of a structural steel buried in a loamy soil**

Baghdad Miloud , University of Science and Technology, Algeria

Agenda Day 2: November 02, 2018

Panel Discussion

Session Start @ Londres

Keynote Presentations

10:00-10:40 **Title:Variable magnetism of cobalt-fullerene mixed system**

Vasily Lavrentiev, Nuclear Physics Institute-CAS, Czech Republic

10:40-11:20 **Title: Formative biofabrication using magnetic levitation**

Vladimir Mironov, 3D Bioprinting Solution, Russia

Networking & Refreshments 11:20-11:40 @ Le Foyer

Plenary Session Introduction

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Session Chair: **Vladimir Mironov,** 3D Bioprinting Solution, Russia

11:40-12:10 **Title: Energy saving and service life improvement of ladle linings using micro pore alumina aggregate**

Meijie Zhang ,Wuhan University of Science and Technology, China

12:10-12:40 **Title: Dynamic interaction of alumina-magnesia refractory and molten steel**

A O Huang, Wuhan University of Science and Technology, China

Young Researchers Forum

12:40-13:05 **Title: Effect of small/large alternative extrusion cycles and precipitates on the super high strength of A800 (Al-Zn-Mg-Cu) aluminium alloys**

Tsai Fu Chung , National Taiwan University, Taiwan

13:05-13:30 **Title:Study of dissolution rate of sink roll material in pure zinc bath and zinc-0.2 wt % aluminium bath**

Sagarika Bhattacharjee, Indus University, India

Lunch Break 13:30-14:30 @ Food & More

Panel Discussion & Closing Ceremony

Mark your calender

International Conference on

Magnetism & Magentic Materials

June 24-25, 2019

Tokyo, Japan

Email: magneticmaterials@materialseuroscicon.com

Website: https://magnetism.euroscicon.com/

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