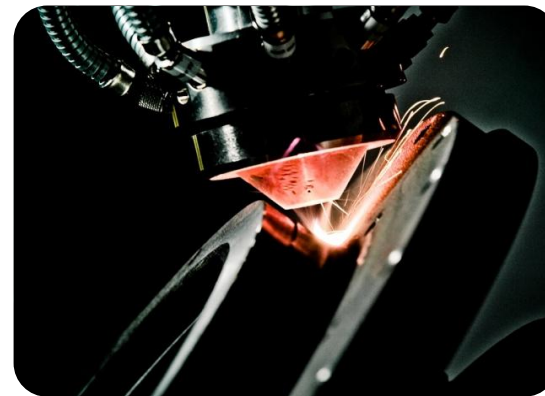
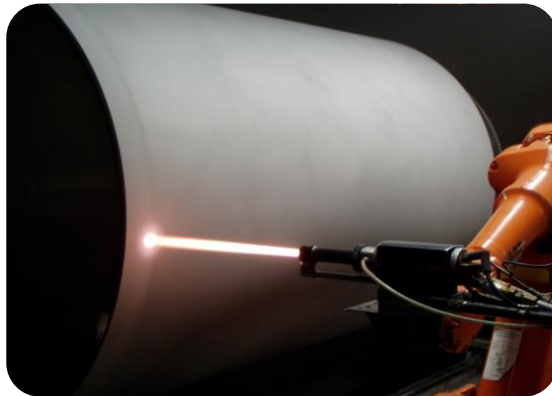


## 2<sup>nd</sup> Announcement

Workshop on thermal spray and laser clad coatings

### COATINGS FOR HIGH TEMPERATURE APPLICATIONS



14-15 October, 2014  
Plzeň, Czech Republic





## MAIN OBJECTIVES

The objective of the workshop is to present the insight to the principle, technical aspects and applications potential in the high temperature conditions of the two modern technologies of thick coatings deposition: thermal spraying and laser cladding. The basics, required manufacturing and technological conditions as well as the case studies will be presented by the most relevant speakers. The comparison of the two related technologies, in many cases competitive, will bring deeper understanding of the field of coatings for high temperature applications



## WHO SHOULD ATTEND

Managers of sophisticated productions, product development and design engineers, technologist, scientists, lecturers and students interested in the field of surface engineering.

## LANGUAGE

English

## REGISTRATION

Please contact:

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University of West Bohemia  
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Plzeň, 306 14  
Czech Republic

Tel: +420 377 634 818

Fax: +420 377 634 702

## REGISTRATION DEADLINE

July 30th, 2014



# SPEAKERS AND TOPICS

**Prof. Lech Pawlowski** (UniLim, France)

Laser treatment of films and coatings

**Prof. Petri Vuoristo** (TUT, Finland)

Comparison of properties of coatings for high temperatures by advanced laser cladding and thermal spray technologies

**Prof. Pavel Chráska** (IPP AS CR, Czech Republic)

Coatings for glass industry

**Prof. Wojciech Zorawski** (TU Kielce, Poland)

Microstructure and Mechanical Properties of Axial-Injection Suspension Plasma Sprayed ZrO<sub>2</sub>-8Y<sub>2</sub>O<sub>3</sub> coatings“

**Dr. Giovanni Bolleli** (Unimore, Italy)

Tribology of metallic and hard metal thermal spray coatings at high temperature

**Dr. Gerd Paczowski** (CTU Chemnitz, Germany)

Thermomechanical post-treatment of thermal sprayed coatings on stainless steel substrate to increase the tribological durability

**Dr. Michael Lutz Berger** (IWS Dresden, Germany)

Behavior of hardmetal compositions during spraying and high temperature coating service

**Dr. Sophie Costil** (UTBM, France)

Thermal spraying and hybrid processes: the use of laser technology

**Dr. Tomáš Chráska** (IPP AS CR, , Czech Republic)

Properties of Novel Hybrid Water/Gas DC Arc Plasma Torch

**Dr. Radek Enžl** (Sulzer Metco, Germany)

Improving Plasma Spray Efficiency Through the Application of Advanced Cascade Gun Technology

**Dr. Michaela Prantnerová** (VZU Plzen, Czech Republic)

HVOF coatings for power industry

**Ondřej Soukup** (LaserTherm, Czech Republic)

Laser processing using high power diode lasers in heavy industry



## WORKSHOP FEES

For ETSA members – 160 Eur or 4500 Kč

For non-members – 180 Eur or 5000 Kč

## PAYMENT DETAILS

Payment in Euros:

IBAN:CZ545500000001063008661

B.I.C.:RZBCCZPP

Note for the recipient: participants name

Payment in CZK:

Account number: 106 300 8645 /

5500, Raiffeisenbank, a.s.

Var. symb: 47718684

Note for the recipient: participants name

## PAYMENT DEADLINE

July 30th, 2014

## PAYMENT INCLUDES

Workshop fee  
Lunches and Cofeebreaks  
Brewery visit  
Social dinner



## TRAVEL AND ACCOMODATION IN PLZEŇ

Travel and accomodation information can be found:

<http://www.pilsen.eu/tourist/information/transport-to-pilsen/>

<http://www.pilsen.eu/tourist/stay-and-dine/accommodations/>

## VENUE

**Vědeckotechnický park Plzeň, a.s.**

Teslova 3  
301 00 Plzeň

### HOW TO GET THERE

Bus no. 15,18,29,30 – Bus stop Borská pole  
5 minutes walk

