



## 3<sup>rd</sup> International EJC-PISE Workshop

### Scope of Workshop

#### Plasma Surface Engineering – Plasma based technologies for tools and biomedical applications

The 3<sup>rd</sup> International Workshop is an initiative of the European Joint Committee on Plasma and Ion Surface Engineering (EJC-PISE), well known as the organizer of the *International Conference on Plasma Surface Engineering (PSE)*.

The 3<sup>rd</sup> EJC-PISE Workshop will be organized in conjunction with the 6<sup>th</sup> **Symposium on Vacuum based Science and Technology** and the 10<sup>th</sup> Annual Meeting of the German Vacuum Society.

The aim of this international workshop is to improve the scientific and industrial cross-border collaboration in the field of plasma surface engineering in Europe.

The two-day workshop in **Kołobrzeg** near Koszalin (Poland) focuses on coatings for tools and biomedical applications. It will be organized by the European Society of Thin Films (Dresden, Germany), BalticNet-PlasmaTec (Greifswald, Germany), and the Koszalin University of Technology (Poland).

Scientists and students, as well as engineers, who are interested in new contacts and cooperation in the Baltic Sea Region, are cordially invited to participate at the workshop.

### Topics of the workshop

#### Module 1: Plasma based technologies for wood processing tools

Chair **Jan Staskiewicz**

1. Multi-layer systems
2. Nanocomposite materials
3. Hybrid processes
4. Methodology of plant tests

#### Module 2: Functional coatings on metals and polymers

Chair **Marek Drab**

1. New multifunction coating systems
2. Deposition methods and hybrid processes

#### Module 3: Plasma based technologies for biomedical engineering

Chair **Klaus-Dieter Weltmann**

1. New materials in biomedical engineering
2. Functional coatings and processes for biomedical applications
3. Biosensors – design, technology and applications

In order to process such substantial topics in only two days, not all presentations can be accepted as oral presentations. Contributions from universities, institutes and especially from industry who are engaged in the workshop subjects are welcome.

Participants are requested to register online at <http://www.imnntp.tu.koszalin.pl/SVBST2011/workshop> for an early reservation.

### Industry Exhibition

Manufacturers and sales companies of vacuum equipment, measurement and control systems, products and materials related to coatings, vacuum technology and applications are invited to participate in the industry exhibition. The exhibition will be organized parallel to the 3<sup>rd</sup> EJC PISE Workshop and the 6<sup>th</sup> Symposium on Vacuum based Science and Technology.

The exhibition booths will be placed close to the conference hall and poster-presentation. Due to the fact that the available space is limited, exhibitors are recommended to get in contact with the organising committee under [bnpt@balticnet-plasmatec.org](mailto:bnpt@balticnet-plasmatec.org). Online registration is available at <http://www.imnntp.tu.koszalin.pl/SVBST2011/symposium/industry.html>.

### Registration Fee

Regular registration fee:	PLN 500 (~ 130 €)
Students registration fee:	PLN 200 (~50 €)
Exhibition fee on request	

The regular registration fee includes the delegate bag, workshop proceedings on a pen-drive, welcome reception, and get-together sponsored by industry (not included in students fee).

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All stated workshop fees are free of VAT.

In case of cancellation before August 25, 2011 a fee of PLN 100 will be charged. After that date, a refund is not possible.

## 3<sup>rd</sup> International EJC-PISE Workshop

### Plasma based technologies for tools and biomedical applications

Workshop and Industrial Exhibition

### First Circular and Call for Papers



**September 21-22, 2011  
Kołobrzeg, Poland**

organized by

Institute of Mechatronics  
Nanotechnology and  
Vacuum Technique of the  
Koszalin University  
of Technology



BalticNet-PlasmaTec



European Society  
of Thin Films

under auspices of

**European Joint Committee  
on Plasma and Ion Surface Engineering**

## Submission of Abstracts

Invitations will be given to present approved papers in the specific topics in oral or poster form. The time table for presentation will be published on 1<sup>st</sup> of July 2011. Abstracts should be submitted until 15 June 2011 online using the template available at:  
<http://www.imnitp.tu.koszalin.pl/SVBST2011/workshop>

## Workshop Proceedings

The workshop proceedings and exhibition information will be distributed only on a pen-drive.

## Workshop Language

All abstracts and manuscripts should be submitted in English. All talks, as well as the poster presentations, will be given in English.

## Venue

Kołobrzeg, also called the Pearl of the Baltic, is one of the oldest towns of Western Pomerania located at the mouth of the Parsęta river to the Baltic Sea. The seaside resort of 50.000 inhabitants turns into a resort humming with life in the summer season hosting over 200.000 holiday makers. Such a popularity is guaranteed to the town not only by its seaside location, but also by its unique microclimate. Apart from the beneficial qualities of the Baltic Sea there are mineral water and brine springs, and peat deposits in the town and its surrounding area. No wonder Kołobrzeg has been a health resort for over 200 years. Green areas, parks and squares make Kołobrzeg famous for its rich greenery. One of the most beautiful places is Stefan Żeromski Park and the Seafront Alley running along it. In the course of its over 1,000-year-old history Kołobrzeg has acquired numerous historical buildings. Many of them have survived down to our times. The most significant include the Powder Tower, the Morst Redoubt, St. Mary's Basilica, the lighthouse, the Knights' Academy, the Town Hall as well as a medieval townhouse currently housing the Polish Arms Museum. The 5 star Marine Hotel is separated from the sea only by the promenade and the sandy beach. Behind the building's glass facade, 231 suites await their guests - each of them overlooks the Baltic Sea.

## Information and Registration

Detailed information are available on the workshop website:  
[www.imnitp.tu.koszalin.pl/SVBST2011/workshop](http://www.imnitp.tu.koszalin.pl/SVBST2011/workshop)  
or under  
[www.ejc-pise.org](http://www.ejc-pise.org).

Participants are requested to register online.

## Important dates and deadlines

Abstract submission deadline	June 15, 2011
Confirmation of accepted abstracts	June 30, 2011
Start online registration and payment	June 30, 2011

## Organizing Committee

J. Ratajski, Koszalin (PL)	- Chairman of organizing committee
Roman Olik, Koszalin (PL)	- Workshop
Alexander Schwock, Greifswald (D)	- Industrial Exhibition
Frank Böger, Dresden (D)	- Workshop
Ludwig van Loyen (D)	- Workshop

## Organizer contact data:

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## European Joint Committee on Plasma and Ion Surface Engineering (EJC / PISE)

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## Workshop Chairman

**Witold Gulbiński** Koszalin University  
of Technology (PL)

## Scientific Committee

<b>Winfried Blau</b>	Europäische Forschungsgesellschaft Dünne Schichten, DE
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<b>Jurijs Dehtjars,</b>	Riga Technical University, LV
<b>Ulf Helmerson,</b>	Linköping University, SE
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