

# International Workshop

volatile organic compounds and aerosol removal  
by means of plasma-based and plasma-assisted  
technologies

This workshop is held within the framework of the INTERREG IVB  
project PlasTEP at GD2010 in Greifswald.

The intention of PlasTEP is to clearly inform decision makers from  
politics and economy about the low-temperature plasma technology  
for environmental purposes and to push this plasma-based cleaning  
technology of atmospheric air and water treatment to a visible practical  
application.

Attendees of the GD2010 conference and any interested people are  
cordially invited to attend the workshop in addition, which is free of  
charge.



PlasTEP



plasma for environment protection

# Programme

09:15 - 12:15 am  
Friday, Sept. 10<sup>th</sup> 2010 at INP Greifswald

09:15 - 09:30

Welcome and short introduction of the project PlasTEP

09:30 - 10:00

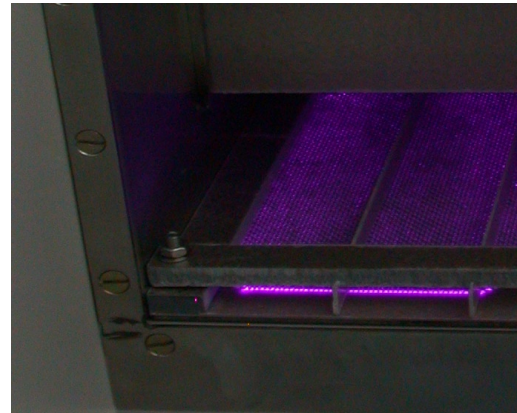
„Concurrent VOC and aerosol removals from air stream by flow stabilised non-thermal plasma-adsorbent catalyst hybrid systems“ by Prof. Jen-Shih Chang, Department of Engineering Physics, McMaster University, Ontario (Canada)

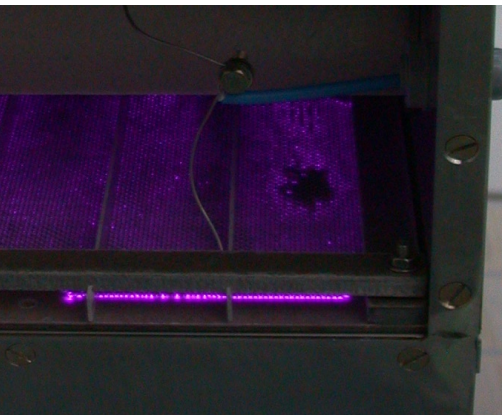
10:00 - 10:30

„Plasma-catalytic hybrid methods for gaseous pollutant removal“ by Dr. Thomas Hammer, Siemens AG, Corporate Research and Technologies, Erlangen (Germany)

10:30 - 10:55 Coffee break

Front picture: plasma torch





picture: plasma surface discharge

10:55 - 11:25

“Modern plasma experiences gained in industrial applications” by Dipl. Ing. Rolf Rafflenbeul, Rafflenbeul Ingenieure, Langen (Germany)

11:25 - 11:50

„Electron beam flue gas treatment and effects on volatile organic compounds” by Prof. Andrzej G. Chmielewski, Institute of Nuclear Chemistry and Technology, Warsaw (Poland)

11:50 - 12:15

„Dark discharge for investigation of plasma-chemical reactions“ by MSc PhD Toomas Plank, University of Tartu (Estonia)

plasma for environment protection

# Contact

## Workshop

Leibniz Institute for Plasma Science and Technology

Felix-Hausdorff-Str. 2

17489 Greifswald|Germany

Contact: Dr. Ronny Brandenburg

Fon: +49 (0) 3834 554 446

Fax: +49 (0) 3834 554 301

E-Mail: [brandenburg@inp-greifswald.de](mailto:brandenburg@inp-greifswald.de)

[www.inp-greifswald.de](http://www.inp-greifswald.de)

## Project

Technology Centre of Western Pomerania

Brandteichstr. 20

17489 Greifswald|Germany

Project Manager: Alexander Schwock

Fon: +49 (0) 3834 550 102

Fax: +49 (0) 3834 550 111

E-Mail: [schwock@technologiezentrum.de](mailto:schwock@technologiezentrum.de)

[www.plastep.eu](http://www.plastep.eu)



Part-financed by the European Union ( European Regional Development Fund )

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