



EIPC European Institute of Printed Circuits

IONMET & PROSURF Joined dissemination Seminar



World Electronic Circuits Council
The EIPC is the European
representative at the WECC



Date: Wednesday November 14, 2007 @ Productronica
Location: Messe München, Room B32
Time: 09.45 - 16.00 hours

PARTICIPATION IS FREE OF CHARGE

Programme

IONMET:

- 9.45 - 10.00** **The PCB Market with new challenges and opportunities.**
Opening by Michael Weinhold, EIPC
- 10.00 - 10.15** **Introduction of the IONMET framework Programme**
By Khalid Shukri, Genacys Ltd., UK
- 10.15 - 11.00** **Introduction to Ionic liquids**
By Andrew Abbott, University Leicester, UK
- 11.00 - 11.30** **An overview on Ionic liquids and how aluminium can be plated.**
By Frank Endress, TU Clausthal-Zellerfeld, Germany
- 11.30 - 12.00** **Will plating with Ionic liquids have an impact on PCB fabrication technology?**
By Michael Weinhold, EIPC
- 12.00 - 12.30** **Example: Electroless Silver Plating of PCB's**
By Andrew Abbott, University Leicester, UK
- 12.30 - 13.30** **Lunch (FREE OF CHARGE)**

PROSURF:

- 13.30 - 13.45** **Introduction Prosurf**
By Ian Dalrymple, C-Tech Innovation, UK
- 13.45 - 14.15** **Prosurf website: a special support and services for SME**
By Uwe Koenig, Deutsche Gesellschaft für Galvano -und Oberflächentechnik
- 14.15 - 14.45** **How to get successfully involved in EU R&D funding?**
By Anthony Walker, RTC North, UK
- 14.45 - 15.15** **Road map and technology developments of PCB's**
By Michael Weinhold, EIPC
- 15.15 - 15.45** **Material and Process developments for PCB's**
By Michael Weinhold, EIPC
- 15.45 - 16.00** **Q&A**

For more information contact EIPC: Mrs. Anouk Seeverens, Junior Event Manager,
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IONMET & PROSURF

Joined dissemination seminar at PRODUCTRONICA 2007

Seminar Leader: Mr. Michael Weinhold, Technical Director EIPC Services BV

Project Leaders:

- IONMET: Dr. Khalid Shukri, Director Genacys Ltd.
- PROSURF: Dr. Ian Dalrymple, C-Tech Innovation Limited

Scope of the Framework 6 PROSURF and IONMET activities:

PROSURF project definition

PROSURF aims to support SMEs and other stakeholders in the printed circuit and surface finishing industries, by building the capability to innovate through greater involvement in Research and Development – the primary objective being to strengthen SME competitiveness in both the medium and long term. The project provides a range of free support services: a roadmap defining future research strategies, a best practice methodology to get SMEs involved in research and innovation, a partnering platform and more.

IONMET project definition

IONMET is exploring the use of ionic liquid and deep eutectic solvents as electrolytes in a wide range of metal finishing processes of great importance to the surface finishing and printed circuit manufacturing sectors. This exciting new technology has the potential to significantly enhance the capability of SMEs in surface finishing and printed circuit manufacturing.

Scope of the Seminar

Small and medium enterprises (SME) often do not have the resources to decide on introduction of new technology. Main reason may be the knowledge about new technologies or processes. In addition new technologies may be developed that offer additional potential for SME.

The EU-sponsored Framework 6 has provided resources to help clarifying the usefulness of new chemicals and advanced existing or new processes for the industry.

As printed circuit boards (PCBs) are key interconnection components that are linking different active and passive devices together, it is important for the industry to understand how these processes are developing over the next years. Future roadmap information about processes as well as information about new chemicals is therefore vital to update the electronics industry in Europe for a successful future. This type of information will help to provide a competitive advantage without conducting all research work in house.

The seminar on ProSurf and IONMET activities will help the manufacturing industry to refocus on successful technologies and processes. In addition, it will guide the fabricators to meet the challenging environmental requirements that have been established with RoHS and REACH.

The seminar is taking place after nearly 2 years of project work. Participants will learn how to adopt existing and new processes and chemicals to meet the future technical and environmental challenges in producing advanced PCBs.

PLEASE REGISTER BEFORE NOVEMBER 9 BECAUSE OF LIMITED SPACE



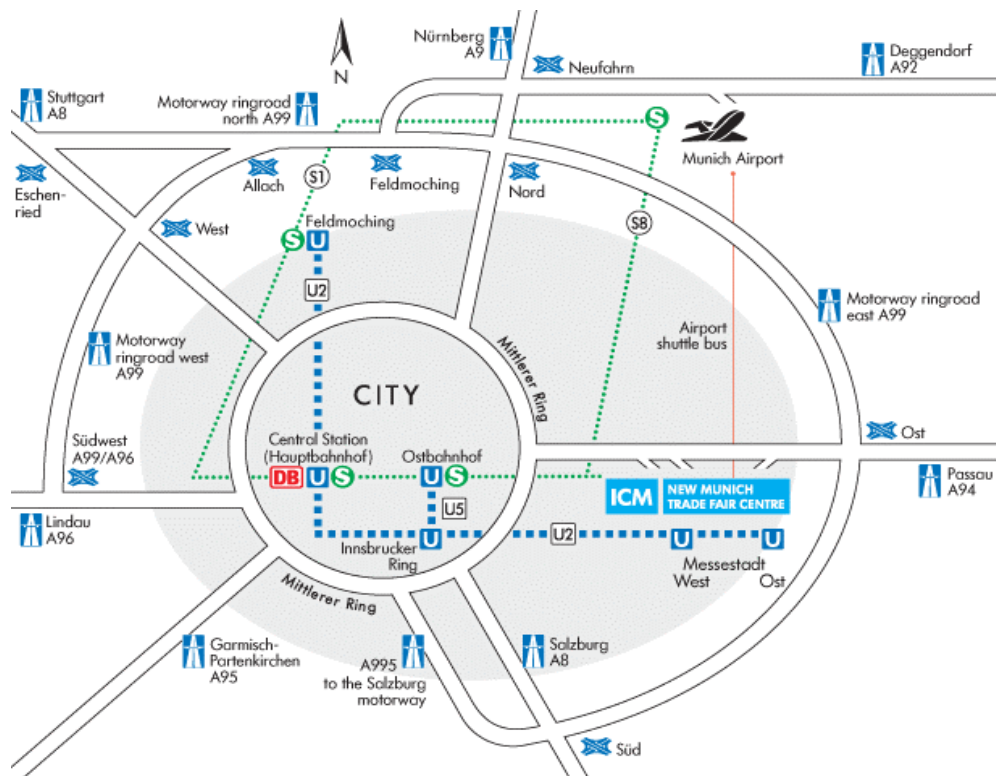
How to get there (see www.messe-muenchen.de):

1) From the airport:

- **By shuttle bus:** During international fairs, shuttle buses provide service between the airport and the New Munich Trade Fair Centre. Buses depart every 30 minutes and travel non-stop to the fairgrounds. The trip takes approximately 45 minutes.
- **By taxi:** Taking one of Munich's 3,500 taxis is a convenient way to travel from the airport to the New Munich Trade Fair Centre and back. The one-way trip takes approximately 35 minutes, depending on traffic.
- **By public transport:** Favourable municipal train and subway connections make it easy to travel from the airport to the New Munich Trade Fair Centre using public transportation. The train station for the S1 and S8 municipal trains is located directly under the Central Area of the Munich Airport. Trains depart for downtown Munich every 10 minutes.

2) By train: At Munich Central station you can take the underground U2. The trip to the trade-fair centre takes about 20 minutes.

3) By car: The New Munich Trade Fair Centre and the ICM are located directly on the A94 motorway and can be reached using the "Feldkirchen-West" (Exit No. 6) or "München-Riem" (Exit No. 5) exits. A dynamic traffic-guidance system regulates the flow of traffic, guiding logistics vehicles and trade-fair visitors to the nearest available parking area at the trade-fair centre.



FOR MORE INFORMATION, HAVE A LOOK AT: WWW.EIPC.ORG



REGISTRATION FORM JOINED DISSEMINATION SEMINAR
IONMET & PROSURF

FREE OF CHARGE

FIRST NAME: _____

FAMILY NAME: _____

JOB TITLE: _____

COMPANY: _____

STREET: _____

ZIP CODE: _____

CITY: _____

COUNTRY: _____

TELEPHONE: _____

FAX: _____

EMAIL: _____

I will attend:

- Morning Session (IONMET)
- Afternoon Session (PROSURF)
- Both Sessions

I would like to attend the lunch (free of charge):

- YES NO

RETURN TO: Anouk Seeverens
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