

## ORGANIZING INFORMATION

### THE SEMINAR IS HELD AT:

SŠ informatiky, Čichnova 23, BRNO - Komín

### How to get there: see incl. plan by a car

From the Brno Trade Fair Exhibition Centre go in direction Brno-dam. After approx. 4km you will see the OPEL car shop centre, on the left side. At the crossroads in front of the OPEL go to the left, at the next crossroads to the right and on the right side you will see an educational centre:

**STŘEDNÍ ŠKOLA INFORMATIKY BRNO**  
street Čichnova 23, BRNO-Komín

### Binding applications:

Will be mailed together with obligatory demand for accommodation with meals before **February 3, 2017** to the address:

SMT-INFO consortium  
Údolní 53, 602 00 BRNO  
CZECH REPUBLIC  
e-mail: [smtinfo@nextra.cz](mailto:smtinfo@nextra.cz)

### Accommodation with meals:

Participants will be accommodated in the BOBY CENTRUM Brno \*\*\*

### Registration:

In the seminar hall  
**February 7, 2017** **8.30 a.m.**

### PROFESSIONAL GUARANTOR:

SMT-INFO, Údolní 53, 602 00 BRNO  
CZECH REPUBLIC

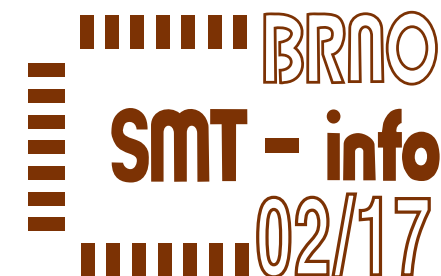
tel.: 00420-541 146 113  
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Internet: [www.smtinfo.cz](http://www.smtinfo.cz)

## SMT-INFO CONSORTIUM

in cooperation with

**FEKT VUT Brno**  
and  
**SŠ INFORMATIKY BRNO**

Have the pleasure to invite you  
for the twenty-sixth cycle  
new techniques & technologies presentation



**PCB DESIGN SYSTEMS**

**PCB PRODUCTION  
AND DEFECTS**

**COMPLEX PRODUCTION LINES  
FOR MODERN ASSEMBLY**

**INSPECTION SYSTEMS**

**February 7, 2017**  
**SŠ informatiky BRNO**  
**Čichnova 23, Brno-Komín**

event code 02/17

SMT-INFO konsorcium  
Údolní 53  
602 00 BRNO  
Czech Republic

**SEMINAR ORIENTATION:**

- PCB DESIGN SYSTEMS
- PCB PRODUCTION AND DEFECTS
- COMPLEX PRODUCTION LINES FOR MODERN ASSEMBLY
- PICK AND PLACE MACHINES, SCREEN PRINTERS, DISPENSERS
- INSPECTION SYSTEMS

**PROFESSIONAL OFFER**

- Seminar participants will be acquainted with the latest information on above mentioned topics presented by specialist from prestigious companies.
- In a room adjacent the lecture theatre, the following company stands will be installed and professional literature and demonstration equipment will be offered there:

**ADOPT**  
**AMTECH**  
**AMTEST**  
**SJM EUROSTAT**

Advertisement tables will be available for the seminar participants and visitors, providing propagation of their own products and offer of non-used/used technological equipment and services.

**THEMATIC ORIENTATION OF OTHER EVENTS ORGANIZED BY SMT-INFO:**

**SMT-INFO 10/17 Conference, Brno, 17. - 18. 10. 2017**

- SOLDERING AND CLEANING IN ELECTRONICS
- NEW TRENDS IN MICROELECTRONICS
- TECHNIQUES IN REPAIRING
- SOLDER JOINT DEFECTS

**PROFESSIONAL GUARANTOR:**

**SMT-INFO consortium, Údolní 53, 602 00 Brno**  
 mobil: 00420-602 542 966,  
 phone: 00420-54114 6140  
 e-mail: [smtinfo@nexta.cz](mailto:smtinfo@nexta.cz)  
[www.smtinfo.cz](http://www.smtinfo.cz)

**SEMINAR SCHEDULE**

**Tuesday, February 7, 2017**

- 8.45 - Opening, Introduction
- 8.50 - The Past & the Future of PCB Design Software / M. Klauz, CADWARE Liberec /
- 9.10 - Novel Alternatives for established PTFE based high-frequency Materials / M. Krasnopolski, ISOLA Duren /
- 9.50 - Advantages of Thermal Stable Base PCB Materials compare to Standard Materials / V. Klafki, TECHNOLAM Troisdorf, T. Bravený, INTERCONTI Brno /
- 10.20 - Coffee, Refreshments
- 10.40 - Pick and Place Machines E by SIPLACE and Screen Printers E by DEK / R. Kratochvíl, NETA SMT Brno /
- 11.20 - SinicTec – Effective, Reliable and Economic Solution of Printed Solder Paste and Adhesive Inspection (SPI) / K. Malysz, MP ELEKTRONIK TECHNOLOGIE Blansko /
- 12.00 - Discussion
- 12.10 - Nordson Asymtek – Novelties and Possible Solutions of Dispensing and Conformal Coating Processes including consecutive Optical Inspection / A. Nagy, NORDSON ASYMTEK, J. Vondráček, AMTEST GROUP Brno /
- 12.50 - Industry 4.0 and Logistic, PBT Rožnov – ESSEGI (Material Flow in SMT Production Linked to Storage and Other Equipment) / D. Striček, PBT Rožnov pod Radh. /
- 13.30 - Lunch
- 14.00 - UNIVERSAL ROBOTS – Robotic Technology increases Safety and helps in Work Satisfaction / M. Skubík, UNIVERSAL ROBOTS, N. Hrbek, AMTECH Brno /
- 14.30 - Cyberoptics – Progressive 3D&2D Optical Inspection in PCB Assembly (AOI) / K. Malysz, MP ELEKTRONIK TECHNOLOGIE Blansko /
- 15.10 - Invitation for Technology Day No. 6 - Nordson Dage X-ray / P. Lacko, QUIPTECH Brno /
- 15.25 - BALVER ZINN/COBAR – Optimized materials for wave and selective soldering processes / H. Raetsen, BALVER ZINN/COBAR, L. Pokorný, AMTEST Group Brno /
- 16.05 - ATML – Automatic Test Markup Language ( IEC 61671:2016 Series, IEEE 1671:2015 Series) / K. Jurák, Z. Nejezchlebová, ÚNMZ Praha /
- 16.25 - Discussion, Seminar Closing

**Lectures in English and German will be interpreted.  
 Program changes reserved.**

**Obligatory application for international seminar**

**PCB DESIGN SYSTEMS**

**PCB PRODUCTION AND DEFECTS**

**COMPLEX PRODUCTION LINES FOR MODERN ASSEMBLY**

**INSPECTION SYSTEMS**

**February 7, 2017**

Name and surname, title .....

Factory name and address (ZIP code).....

.....

Job function .....

Telephone ..... Telefax .....

e-mail .....

**Accommodation**

from 6<sup>th</sup> to 7<sup>th</sup> February, 2017 **yes-no**

**Lunch**

February 7, 2017 **yes-no**

Participant signature Stamp and signature of the organization