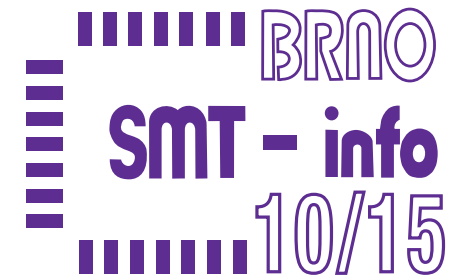


## SMT-INFO CONSORTIUM

in cooperation with

**FEKT VUT Brno  
and  
SŠ INFORMATIKY BRNO**

have the pleasure to invite you  
to participate in the international conference



## SOLDERING AND CLEANING PCB's IN ELECTRONICS

## NEW TRENDS IN MICROELECTRONICS

## SOLDER JOINT DEFECTS

BRNO, October 20–21, 2015  
SŠ informatiky  
Čichnova 23, Brno-Komín

event code 10/15

## ORGANIZING INFORMATION

### THE CONFERENCE IS HELD AT:

Střední škola informatiky  
Čichnova 23, 624 00 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  
street Čichnova 23, BRNO-Komín

### BINDING APPLICATIONS:

Will be mailed together with obligatory demand for accommodation and meals before **October 14, 2015** to the address:

SMT-INFO consortium  
Údolní 53, 602 00 Brno  
CZECH REPUBLIC  
e-mail: [smtinfo@nexta.cz](mailto:smtinfo@nexta.cz)  
fax: 00420-546 211 009

### Accommodation:

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

### Registration:

In the conference hall

October 20, 2015 11.30–12.00 a.m.

October 21, 2015 8.15–8.30 a.m.

### PROFESSIONAL GUARANTOR:

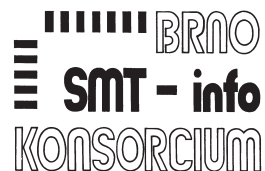
SMT-INFO, Údolní 53, 602 00 Brno  
CZECH REPUBLIC

tel.: 00420-541 146 113  
mobil: 00420-602 542 966  
fax: 00420-546 211 009  
e-mail: [smtinfo@nexta.cz](mailto:smtinfo@nexta.cz)  
Internet: [www.smtinfo.cz](http://www.smtinfo.cz)

Sponsors of this Evening Party are:



Amtech



## CONFERENCE ORIENTATION:

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

## PROFESSIONAL OFFER

- Conference 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:

<b>ABETEC</b>	<b>AMTEST</b>
<b>ADOPT</b>	<b>ATF</b>
<b>AIM</b>	<b>CERACON</b>
<b>AMTECH</b>	<b>REALTIME TECHNOLOGIES</b>

- Advertisement tables will be available for the conference 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 02/16**                      **Brno, February 9, 2016**  
Technical and Business Seminar

- PCB DESIGN SYSTEMS
- COMPLEX PRODUCTION LINES FOR MODERN ASSEMBLY
- INSPECTION SYSTEMS

## PROFESSIONAL GUARANTOR:

**SMT-INFO CONSORTIUM, Údolní 53, 602 00 Brno**

**mobil:** 00420-602 542 966

**fax:** 00420-546 211 009

**e-mail:** [smtinfo@nexta.cz](mailto:smtinfo@nexta.cz)

## CONFERENCE SCHEDULE

### Tuesday, October 20, 2015

- 12.10 - Opening, Introduction
- 12.15 - Selected Defects of Soldered Joints and Possible Way How to Rework Underfilled Chips  
/K. Dušek, FEL ČVUT Praha/
- 12.30 - LOCTITE GC10 – Revolution Temperature Stable Solder Paste  
/D. Sameš, OEM – AUTOMATIC Zdiby, V. Vacenovský, HENKEL CZECH Praha/
- 13.00 - J-STD-004B: A New Twist on an Old Standard?  
/T. O'Neil, A. Sedlák, AIM SOLDER EUROPE Lodž/
- 13.40 - FUJI – Components Verification during Insertion  
/T. Petřina, AMTECH Brno/
- 14.00 - Thermal Processes in Vertikal Systems  
/D. Hyan, P. Heilmann, CERACON Weikersheim/
- 14.20 - Break, Refreshment, Coffee
- 14.40 - Latest in Soldering  
/S. Tuerlings – NeVo, R. Nekarda, AMTECH Brno/
- 15.00 - Latest AOI Technology from MEK (Marantz) – Excellent Results  
/R. Kubík, PBT Rožnov pod Radh./
- 15.20 - Cleaning Chemicals for SMT process  
/R. Ruhfass, KISSEL + WOLF, Wiesloch, T. Bravený, INTERCONTI Brno/
- 16.00 - Voids Reduction During Reflow Process? Effectice Solution from ERSA  
/M. Duda, PBT Rožnov pod. Radh./
- 16.20 - Discussion
- 16.30 - Selective Soldering – Modular Solution from INTERSELECT  
/P. Grosse, INTERSELECT Hagenbach, J. Vondráček, AMTEST CZECH Brno/
- 17.10 - PCB and PCBA Defects – Analysis and Detection (Documents: IPC, IEC and DFR Solutions)  
/K. Jurák, Z. Nejezchlebová, ÚNMZ Praha/
- 17.30 - Discussion, Closing The First Day of Conference

**17.30 – 21.30 p.m.**

**Frendly Meeting of Conference Visitors and Lectures with Dinner and Refreshment.**

**AMTECH – the Main Sponsor of Evening Party**

### Wednesday, October 21, 2015

- 8.20 - Opening The Second Day of Conference
- 8.30 - Wettability of PCB Substrate Surface Finish – Effect of Thermal Aging  
/J. Starý, FEKT VUT Brno/
- 8.40 - ECD – Collective Inspection of Temperature Profiles from more Soldering Machines  
/M. Abel, ABETEC Pardubice/
- 9.00 - Latest Selective Soldering Waves  
/M. Berberich, ATF Germany, M. Abel, ABETEC Pardubice/
- 9.20 - THERMALTRONICS – High Frequency Soldering /J. Dostál, REALTIME TECHNOLOGIES, Dolní Roveň/
- 9.40 - Repeatability and Documentation of BGA Repairs /F. Leitenstern, MARTIN Germany, M. Abel, ABETEC Pardubice/
- 10.00 - Break, Refreshment, Coffee
- 10.20 - Voiding in Soldering  
/N. Süli, ALPHA-ALENT Hungary, M. Cichra, ERMEG Liberec/
- 11.10 - DAGE: CT Technology Developments via Novel Alignment Methods, Jitter Correction and Half-Beam Reconstruction  
/P. Koch, DAGE Germany, P. Lacko, QUIPTECH Brno/
- 11.40 - Discussion
- 11.50 - Cleaning – Auxiliary Activity or Real Technology? Up-to Date Requirements, Chemical and Mechanical Part of Proces. Repeatability and Proces Documentation  
/V. Sítko, PBT Works, Rožnov p. Radh., M. Šaffer, PBT Rožnov pod Radh./
- 12.40 - Extremely Precision SMD Repairs in µm  
/A. Schmidt, FINETECH Germany, M. Abel, ABETEC Pardubice/
- 13.00 - Latest in Manual Soldering from JCB  
/L. Pokorný, AMTEST CZECH Brno/
- 13.20 - Lunch
- 14.00 - SMT Reflow Ovens: The Innovation of Cooling Zone /F. Graf, SMT- Wertheim Germany, M. Galajda, SMT- Service Košice/
- 14.20 - Ecology in Soldering Praxis  
/M. Hurban, REHM CZ, Příbor/
- 14.40 - Diagnostics and Testing of Interconnection Structures, PCB and Components  
/F. Steiner, ZČU Plzeň/
- 15.00 - Discussion, Conference Closing
- 15.20 - Excursion to AMTECH

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

*Obligatory application for international conference*

**SOLDERING AND CLEANING PCB's  
IN ELECTRONICS**

**NEW TRENDS IN MICROELECTRONICS**

**SOLDER JOINT DEFECTS**

**October 20–21, 2015**

Name and surname, title .....

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

.....

Job function .....

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

e-mail .....

**1. Evening Party**

20 October, 2015 **yes-no**

**2. Lunch**

October 21, 2015 **yes-no**

**3. Excursion in AMTECH Brno**

**yes-no**

.....  
Participant signature

.....  
Stamp and signature  
of the organization

SMT-INFO consortium  
Údolní 53  
602 00 BRNO  
Czech Republic