

**COTECH Workshop**  
**– Training for professional n°2 –**  
**June 8<sup>th</sup>, 2012 – Stockholm**

The Workshop will present the **lates technologies and applications** within the field of **micro and nano moulding** with presentations by speakers from industrial partners, research centers and universities.

The workshop is organized within the dissemination activities and training for professionals of the European Project “COTECH-Converging technologies for micro systems manufacturing”.

COTECH is a Large Scale Collaborative Project supported by the European Commission in the 7th Framework Programme (CP-IP 214491-2)



- Introduction:*

**09h00** Welcome / COTECH project: Converging TECHNOlogy for micro systems manufacture  
 Humbert Noll (FOTEC) (Austria)

**Part 1 - General know-how of micro replication**

- Tooling for micro replication processing technologies:*

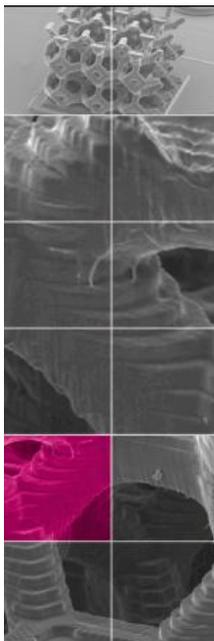
**09h10** Machinery for high accuracy tooling and micro inserts  
 Angelo Quadroni (Sarix) (Switzerland)

- Micro product development tools*

**09h50** Experimental validation and optimization of micro injection moulding simulations  
 Guido Tosello (DTU) (Denmark), Franco Costa (Autodesk Moldflow) (Australia/US)

- Machinery and tooling for micro replication processing technologies:*

**10h30** Machinery for high accuracy micro injection moulding  
 Helmut Loibl (FOTEC) (Austria)

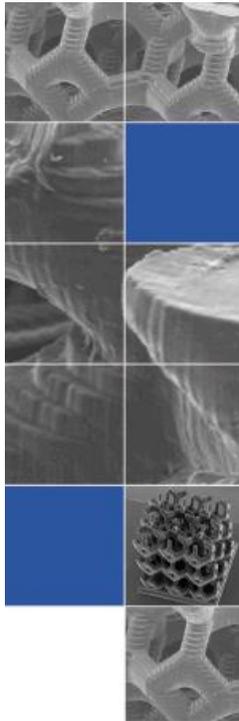




- *Micro replication processing technologies:*

**11h10 Micro injection moulding and Multi component micro injection moulding**

Volker Pötter, Klaus Plewa (KIT) (Germany)



**11h10-11h40**

**BREAK**

***Part 2 - New micro-manufacturing processes based on converging technologies (COTECH processes)***

**11h40 -12h10 Micro injection moulding converged with hot embossing**

Andreas Schoth (IMTEK) (Germany)

***Part 3 - Case study***

**12h10 Micro socket for signal carriage of a hearing instrument**

Aminul Islam (Sonion) (Denmark)

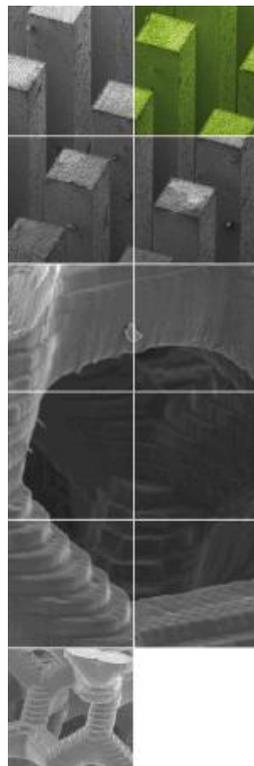


**12h50 Systems for micromoulding process monitoring and control**

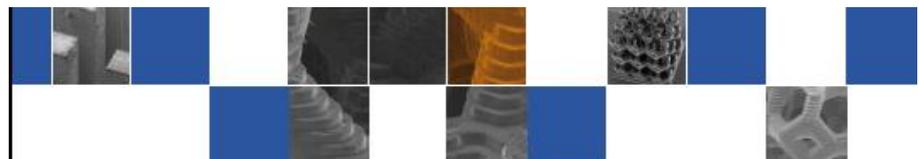
Ben Whiteside (Bradford University) (U.K.)

**13h30 Exchange and discussion / Review of specific points**

Humbert Noll (FOTEC) (Austria)



**14h00 Closure**



**The program will be of interest for:**

- Engineers active on micro production development and micro product design
- Researchers on micro/nano technology active in micro/nano injection moulding R&D projects
- Micro and precision tooling companies
- Medical and micro/mechanical companies
- Companies developing and producing high precision plastic products
- Universities and research centers with focus on micro/nano technologies

**Arranged by:**

Plastipolis in cooperation with EUSPEN conference and COTECH project

**Place:**

**Address:**

Nacka Strandsmässan, Augustendalstorget 6, 131 52 Nacka Strand, Sweden

How to get there: [Click here](#)

**Meeting room:**

Avance I and Avance II

**Price:**

- Free for members of COTECH project
- Free for EUSPEN conference attendees
- Others: 200 Euro – 1780 SEK (excluding VAT)

**On line Registration: [Click here](#)**

