

STIMESI

Stimulation Action on MEMS and SiP

FREE
MEMS
TRAINING

MEMS Design Contest

The STIMESI MEMS and SiP Design Contest challenges course participants to explore MEMS further and develop their acquired skills by designing, computing, modelling, simulating and/or creating a layout of a MEMS or SiP device tailored for fabrication by one of the MPW technologies presented during the course.



Categories

Two categories are organised:

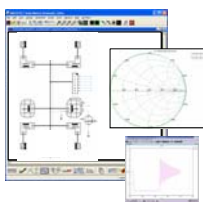
- The **novel** category is for course participants who are novel to MEMS –and don't have access to MEMS CAD/FEA tools. The requirement is to write a paper with a design proposal. The paper should explain the concept, include first order calculations to prove the feasibility and illustrate the functioning of the device. The possible fabrication by one of the MPW technologies offered by the STIMESI partners must be clearly shown.
- The **advanced** category is for course participants with MEMS experience who do have access to MEMS CAD/FEA tools: They are challenged to send in a full design, ready for Tape-Out for one of the MPW technologies offered by the STIMESI partners. Besides the layout files –which should be DRC checked– the participant should deliver a short overview of the device, including modelling and simulation results.



Awards

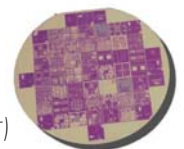
For the **novel** category

- Discounted MEMS design tools (up to 3500€ discount for Europractice supported MEMS software)



For the **advanced** category

- Discounted MPW run (up to 3500€ discount on a MPW run from a STIMESI partner)
- + Invitation to present work on next EURORACTICE/STIMESI workshop (travel costs will be covered)

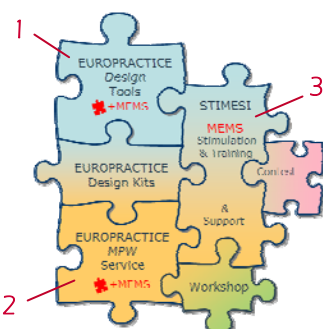
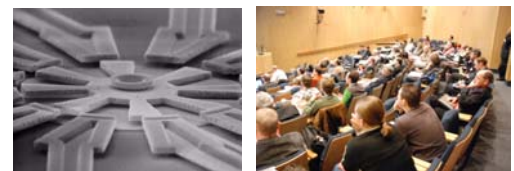


Deadline for submission

- September 15, 2009

Subscribe at

- www.stimesi.org/contest.html



The STIMESI project belongs to the EURORACTICE family: www.europractice.com

- 1 - The EURORACTICE **Software Service** offers a free 30 day license for all MEMS design software. For longer use, low cost licenses are available through the same service: www.msc.rl.ac.uk/europractice
- 2 - The EURORACTICE **IC Service** gives access to MEMS foundry processes for prototyping through Multi Project Wafers - MPW : www.europractice-ic.com
- 3 - Further information, submission form, rules, ... See STIMESI website : www.stimesi.org



Sixth Framework Programme

www.stimesi.org

