

Highlights from Workshops 1 & 2



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NANOTEC Partners



Workshop 3

"SWOT Analysis of the Technology-Design Ecosystem"



30-31
MAY 2012

Hotel Beau Rivage Palace,
Lausanne, Switzerland.

Deadline for registration:

15 May 2012

register online at:

<https://www.fp7-nanotec.eu/show/events>



Contact:

NANO-TEC is funded by
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Topics presented

Nanoelectronics for the Next Decade
Carbon-based Electronics: Graphene
Analog/Mixed-Signal (AMS) Design
Silicon-Based Electronics
Compound Semiconductor Based Micro (Nano) Electronics
Spintronics and Magneto Electronics
The Bridge to Design
Molecular Electronics/Quantum Computing

To download workshop 1 and 2 presentations, see:
<https://www.fp7-nanotec.eu/show/events>

Next NANO-TEC Events:

AUTUMN
2012
(date tbc)

**"Summary and Recommendations on
combined Technology-Design Ecosystem"**

**"NANO-TEC closing public event":
February 2013, date and location TBD.**

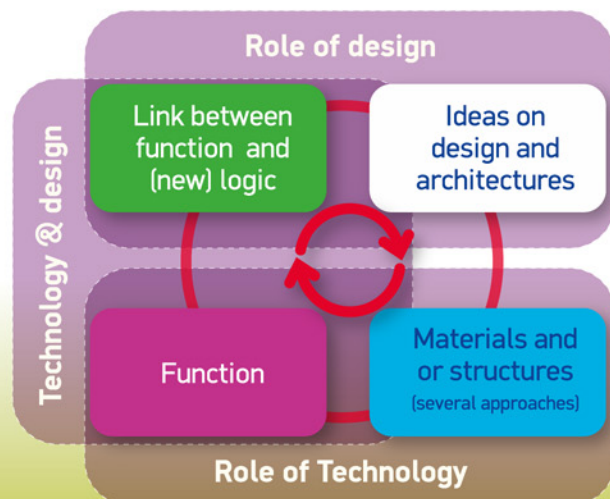
for further details on NANOTEC and on the next events please visit
<https://www.fp7-nanotec.eu>

CONTEXT

NANO-TEC has as mission to gather the academic community in Europe in the area of beyond CMOS and to formulate recommendations to address the needs of combined research in technology and design.



CONCEPT



WORKSHOP TENTATIVE PROGRAM

Wednesday 30 May 2012

14.00-14.30	Welcome reception
14.30-15.30	Solid-state Quantum Computing - <i>Prof. Dr. Andreas Wallraff, ETH, Zurich (TBC)</i>
15.30-16.30	Molecular Electronics - <i>Prof. Dr. Sense Jan van der Molen, Leiden University</i>
16.30-17.00	Coffee Break
17.00-18.00	Nanowires - <i>Dr. Heike Riel, IBM Zurich</i>
19.00	Workshop dinner & excursion

Thursday 31 May 2012

08.30-09.30	Spintronics - <i>Prof. Dr. Johan Åkerman, University of Gothenburg & NanoSC (TBC)</i>
09.30-10.30	Graphene - <i>Prof. Dr. Max Lemme, KTH Royal Institute of Technology, Stockholm</i>
10.30-11.00	Coffee Break
11.00-12.00	MEMS - <i>Dr. Michael Gaitan, NIST, Gaithersburg, MD (TBC)</i>
12.00-13.30	Lunch
13.30-14.30	Neuromorphic Computing - <i>Dr. Julie Grollier, CNRS-Thales, Palaiseau (TBC)</i>
14.30-15.30	Panel Discussion: "Beyond CMOS: from technology to application" - <i>Chair: Dr. Livio Baldi, Micron Technology Inc., Milan; Panelists: Prof. Dr. Wolfgang Rosenstiel, Edacentrum GmbH and University of Tuebingen; Prof. Dr. Paolo Lugli, Technical University of Munich; Prof. Dr. Giovanni de Micheli, École Polytechnique Fédérale de Lausanne; Prof. Dr. Sandip Tiwari, Cornell University, Ithaca, N.Y.</i>
15.30-16.00	Wrap-up, conclusion and recommendations for the final NANO-TEC workshop