

## AtMol launches its second event

### International Workshop on Architecture & Design of Molecule Logic Gates and Atom Circuits (Barcelona - January 12-13, 2012)

Madrid – December 01, 2011

[AtMol](#), ICT-FET Integrated Project is pleased to announce the International Workshop on Architecture & Design of Molecule Logic Gates and Atom Circuits to be held from 12<sup>th</sup> to 13<sup>th</sup> of January 2012 in Barcelona.

This workshop ([AtMol](#) Conference series) is open for contributors in the field of single molecule logic gates and surface atomic scale circuits theory and design based on classical, semi-classical or quantum principles where one molecule (or one atomic scale circuit) is providing the calculating power.

This International workshop, the second of AtMol series will help to establish a critical mass of R&D at an International level and to stimulate development of an interdisciplinary community of researchers. The event will take place at Hotel Campus UAB – Barcelona. Well known speakers (15) will give a talk during this two-day workshop. Registration should be done until December 9, 2011 and prices range from 230€ to 285€, accommodation included.

Workshop webpage: [http://atmol.phantomsnet.net/Barcelona2012\\_index.php?project=7](http://atmol.phantomsnet.net/Barcelona2012_index.php?project=7)

#### **AtMol**

This European project open the atomic scale era of molecular computing integrating state of the art atomic scale technologies, new quantum architectures with multi-scale interconnection and packaging techniques for a single molecule to compute and be packaged into a molecular chip. The AtMol Project and its related “dissemination & training” activities are going to provide both academic researchers and industry engineers access to the tools needed to be at the forefront of the atomic scale technology revolution, a revolution beyond nanotechnology.

#### **Phantoms Foundation**

This Non-Profit organisation was established on November 26, 2002 (Madrid, Spain) in order to provide high level Management profile to scientific projects. This association plays an important role in the 7th Framework Programme as a platform for European funded projects (nanolCT, AtMol, nanoCODE, etc.) to spread excellence amongst a wider audience and to help in forming new networks. Phantoms Foundation is now a key actor in structuring and fostering European Excellence in “Nanoscience and Nanotechnology”, having a world leading position in organising conferences, training and dissemination activities in this field.

AtMol Website: [www.atmol.eu](http://www.atmol.eu)

#### **Further info, please contact:**

Prof. Christian Joachim (Project Coordinator): [joachim\(at\)cemes.fr](mailto:joachim(at)cemes.fr)

Dr. Antonio Correia (Dissemination): [antonio\(at\)phantomsnet.net](mailto:antonio(at)phantomsnet.net)