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NewsLetter

PNL

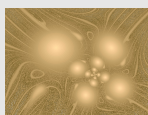
PACIS Newsletter - N° 004 – October – 2009

The PNL service provides selected updates for the latest information and research from the computational sciences communities



News on Scientific Hardware & Software

- In the quest for smaller, faster computer chips, researchers are increasingly turning to quantum mechanics -- the exotic physics of the small: <http://www.sciencedaily.com/releases/2009/10/091015133117.htm>
- Atomtronic transistor and diode could advance quantum computing: <http://www.physorg.com/news/74303837.html>



News on Computational Sciences

- Atomic-scale spintronics with electron transport in silicon
<http://www.london-nano.com/content/newsmedia/recentnews/2009/assets/>



Jobs & Opportunities

- Team Leader Position - Computational Infrastructures and Applications:
http://www.embl-hamburg.de/aboutus/jobs/jobs_embl_hamburg/2009/w_09_071/index.html
- Computational Chemistry: <http://www.ccl.net/cca/jobs/joblist/mess0017786.shtml>
- Universidade Estadual de Feira de Santana (PhD position): <http://www.ecomp.uefs.br/ecomp/contato.htm>



Computing & Society

- Advances in robotics are pushing the limits of surgery:
<http://www.newscientist.com/articlevideo/dnl7700/38378257001-the-scifi-future-of-surgery.htm>
- Thousands of people have come together to demand justice for Alan Turing:
<http://www.number10.gov.uk/Page20571>

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Send your news, suggestions and comments to the Editor: R.R.Rosa (rrrosa@epacis.org)