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**PACIS**  
**NewsLetter**

PNL

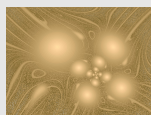
**PACIS Newsletter - N° 001 – January – 2009**

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



### News on Scientific Hardware & Software

- The Worldwide LHC Computing Grid combines the power of more than 140 computer centers from 33 countries to analyze and manage more than 15 million gigabytes of LHC data every year:  
[http://www.bnl.gov/bnlweb/pubaf/pr/PR\\_display.asp?prID=840](http://www.bnl.gov/bnlweb/pubaf/pr/PR_display.asp?prID=840)



### News on Computational Sciences

- Chemists have created "designer enzymes"- a major milestone in computational chemistry and protein engineering.  
<http://www.sciencedaily.com/releases/2008/03/080319160050.htm>



### Jobs & Opportunities

- Materials Computational Center: <http://www.mcc.uiuc.edu/news/jobs/>
- Computational Physics - Fellowship CNPq (Pos-doc Junior)- Universidade Federal do Paraná: Dr. Marcus Werner Beims: [mbeims@fisica.ufpr.br](mailto:mbeims@fisica.ufpr.br)
- Position: Professor Adjunto – Universidade Federal de Itajubá (Departamento de Computação; Área: Inteligência Artificial e Sistemas Especialistas) – Information: ++55 35 3629-1277 or Professor Roberto Affonso da Costa Junior, [rcosta62br@unifei.edu.br](mailto:rcosta62br@unifei.edu.br)



### Computing & Society

- A new algorithm developed by a computer scientist at the University of Southampton can be used to predict political power balances: <http://www.sciencedaily.com/releases/2008/10/081001093749.htm>
- Blogs and online diaries should be part of school curriculum?  
<http://www.guardian.co.uk/technology/2008/oct/06/youtube.youngpeople>

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