



Jan. 23 – 29, 2011

Jorge Pullin, Horace C. Hearne Jr. Institute for Theoretical Physics chair and professor in the LSU Center for Computation & Technology and Department of Physics and Astronomy, has been appointed founding editor of Physical Review X, to be published by the American Physical Society.

Physical Review is the most important set of journals in physics, founded in 1893 to advance and diffuse the knowledge of physics. It publishes original research and scientific and literature reviews on all aspects of physics. Many of the most famous physics papers published in the 20th century have appeared in the pages of the Physical Review family of journals.

Physical Review X, or PRX, is a new, open access, all electronic journal, providing a dependable resource of worldwide developments in the rapidly evolving field of physics. PRX will provide validation through prompt and rigorous peer review and an open access venue in accord with the strong reputation of the Physical Review family of publications.

“I am very pleased to be the founding editor,” said Pullin. “I view open access options as essential for the future of publishing. It should quickly assume a place among the most prestigious publications.”

As founding editor, Pullin will have to set up the initial editorial board, recruit the initial batch of articles and promote the journal at the largest physics meetings globally, therefore interacting with the most elite physicists both nationally and internationally. The journal is scheduled to go live Sept.15.

Pullin joined LSU in 2001, and specializes in gravity and black holes. His time is divided between seeking to modify Einstein’s theory of gravity to make it more compatible with quantum mechanics and studying gravitational waves.

He serves on the editorial board of the journal Living Reviews in Relativity and served on the board of Classical and Quantum Gravity and the New Journal of Physics. He is also a member of the executive council and the executive board of the American Physical Society.

For more information about Pullin, visit www.phys.lsu.edu/faculty/pullin.

To learn more about PRX, visit <http://prx.aps.org/>.

CCT in the News:

APS Announces *Physical Review X*, an Open Access Journal covering Physics and its Application to Related Fields

Source: [American Physical Society Journals](#), [EurekAlert!](#), [University of Melbourne Library Intelligencer](#), [PhysOrg](#)

LSU'S Jorge Pullin Appointed Founding Editor of Physical Review X

Source: [LSU Office of Communications & University Relations](#), [Noodles](#)

The American Physical Society Announces New, Open-Access Journal

Source: [A Quantum of Knowledge](#)

LSU's Laptop Orchestra of Louisiana Set to Perform and Lecture in Alabama and Georgia Jan. 25-28

Source: [LSU Office of Communications & University Relations](#)

EXHIBITION: TechPawLooza! A Spring Technology Celebration!

Source: [Ergonomic Computer Desk](#)

Lectures this Week:

WEDNESDAY—There will be a Special Guest Lecture titled, “[How to Have Your Cake and Eat It Too: High-Productivity and High-Performance with Multicores](#)” by Sven-Bodo Scholz, University of Hertfordshire, UK. The lecture will be presented via access grid on Wednesday, January 26th at 1 p.m. in 338 Johnston Hall. Live presentation will take place at 234 Nethken Hall, Louisiana Tech University, Ruston, LA. (Sponsored by LONI/LASiGMA).

Please Note:

- **SCIENTIFIC COMPUTING AROUND LOUISIANA (SCALA 2011) January 28-29, 2011 Tulane University, New Orleans**
 - Tulane University's Center for Computational Science and the LSU Center for Computation and Technology (CCT) will co-sponsor a meeting to highlight cutting-edge topics in scientific computing, showcase the research at Louisiana institutions and promote collaborations across the state of Louisiana. This meeting is open to any faculty, post-doctoral researcher or student from any college in and around Louisiana. The meeting will start Friday at 1:00 p.m. and run through approximately 5 p.m. Saturday. For more information and to view the schedule, please visit:
<http://tulane.edu/sse/ccs/news/scala-2011.cfm>
- This summer, CCT will host its second Research Experience for Undergraduates (REU), a nine-week program that gives students an opportunity to join interdisciplinary research groups and use the advanced cyberinfrastructure available

on campus to work collaboratively on computational science projects. Each participating student will receive a stipend of \$4,500, free housing in University dormitories, and up to \$500 in travel expenses. Interested undergraduate students from any academic discipline are welcome to apply. Applications are due February 28, 2011, and students will be notified of whether they have been accepted by March 31. For more information or to see details on how to apply, please visit <http://reu.cct.lsu.edu/>.

- The newly released 2010 Components can be found at: <http://www.cct.lsu.edu/home>
- Prior approval is required for Special Meal Requests. Employees who make meal purchases without prior approvals may find that they must cover the cost of any monies spent for an unapproved event out of pocket, especially now that state funds are under a spending freeze. Please contact Susie Poskonka (susie@cct.lsu.edu) prior to any special meal with visitor(s) to file the appropriate request for approval. Prior approval could take up to one week, so please plan accordingly
- Please remember to send your news concerning grants, awards, conferences, or other pertinent information to CCT Event Coordinator at jennifer@cct.lsu.edu
- Follow CCT with social media to access photos and see news, events or updated information. These pages are public; you do not need an account to view the information.
 - [Facebook group](#) : LSU Center for Computation & Technology
 - [Twitter](#) : LSUCCT
 - [YouTube channel](#) : LSUCCT

Upcoming Grant Deadlines:

Note: Please check the [CCT deadline Web site](#), since it is updated daily.

[Research Experiences for Teachers \(RET\) in Engineering and Computer Science](#)

Supplements and Sites

February 28 2011 10:00 am

At Most \$ 500,000.00 available

[High Performance Computing System Acquisition: Enhancing the Petascale Computing Environment for Science and Engineering](#)

March 07 2011 10:00 am

At Most \$ 30,000,000.00 available

[Cyberinfrastructure Training, Education, Advancement, and Mentoring for Our 21st Century Workforce \(CI-TEAM\)](#)

March 16 2011 10:00 am

At Most \$ 1,000,000.00 available

Cyber-Physical Systems (CPS)

March 21 2011 10:00 am

At Most \$ 5,000,000.00 available

*****NSF has revised proposal submission requirements** - a quick review of the changes are noted in this announcement:

http://www.nsf.gov/pubs/policydocs/pappguide/nsf11001/gpg_sigchanges.jsp

Check the NSF website for announcements - www.nsf.gov