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# Cyberscience: Computational Science and the Rise of the Fourth Paradigm

Honors 352, Class #0.4

August E. (Gus) Evrard, PhD

Fall 2010



## Earthfest: Party for the Planet – 9/21 (Diag), 9/23 (North Campus)

**EarthFest 2010**, being held 10 a.m. to 2 p.m. on September 21 and 23, is designed to engage, entertain, and educate students, staff, and faculty about all things related to sustainability at the University of Michigan.

Formerly known as Energy Fest, the **EarthFest: Party for the Planet** will cover a range of



topics including energy, buildings, transportation, food, purchasing & recycling, culture, and water. Everyone attending the event will have an opportunity to:

- Participate in interactive demonstrations
- Enjoy live student performances
- Sample food from local vendors
- Make a pledge to live sustainably by signing our pledge banner

Our goal is to make this a zero-waste event. We are asking exhibitors to please avoid handing out flyers or brochures. We will provide a one-page handout with a sustainability pledge form on the front and an exhibitor guide on the back.

Mark your calendar to join us for this *"Party for the Planet!"*

- **September 21, 2010 – Central Campus (The Diag) – 10 a.m. – 2 p.m.**
- **September 23, 2010 – North Campus (The Grove) – 10 a.m. – 2 p.m.**

**earthfest** 2010  
party for the planet!



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## U-M joins compact for open-access publishing

Consortium facilitates dissemination of scholarly works

September, 2010

**By Melissa Levine**

### U-M Libraries

The University of Michigan announces its participation in the **Compact for Open-Access Publishing Equity (COPE)**.

COPE is a consortium of universities that support open-access publishing by subsidizing publication fees for open-access journals. Many leading universities and research centers are members of the compact, including Cornell University, Dartmouth College, Harvard University, Massachusetts Institute of Technology, University of California at Berkeley, University of Ottawa, Columbia University, and the Memorial Sloan-Kettering Cancer Center. At the University of Michigan, the program will be administered and funded by the University Library.

"The University of Michigan recognizes the value of open access to scholarly works, and we are proud to join other leading universities in this innovative approach to supporting open-access publication," said U-M's **Provost and Executive Vice President for Academic Affairs, Philip J. Hanlon**. "Ultimately, it can both reduce our own costs for journal acquisition and can help ensure that the work of our faculty is disseminated as broadly as possible."

Peer-reviewed, open-access journals provide free electronic access to anyone worldwide, thus maximizing use and promoting learning. "We are participating because we recognize the importance of open-access journals," said **Paul Courant, U-M Librarian and Dean of Libraries**. "Our goal is to provide the broadest possible access to the scholarly record and join our colleagues in an important effort to examine new economic models for scholarly publishing."

"We hope to raise campus awareness of open-access publishing options and to remove barriers to exercising those options," added Dean Courant. All University of Michigan faculty, post-doctoral researchers, staff members, and students are eligible and may apply for these funds by filling out a simple form expressing interest.



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UMS presents Roseanne Cash  
Will book collecting survive?  
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New Dawn for Democratization of Knowledge  
Reframing the Color Line  
Shining on Broadway  
Stop the Brain Drain: Keep the Film Tax Credit  
U's aim: Build arts sector

# today

- \* in the news...
- \* first blog posts: brief discussion on Thursday
- \* group projects: timeline, aims, initial discussions among
- \* guest cyberscientists: Salman Habib and Katrin Heitmann  
(Los Alamos National Laboratory)
- \* no formal lecture today; Thursday's lecture: cyberinfrastructure
- \* v0.2 syllabus coming soon

# today's guests

## ***Salman Habib***

B.S., Physics, Indian Institute of Technology

Ph. D., Physics, University of Maryland

Post-doctoral Fellow, University of British Columbia

currently:

Theory Division, Los Alamos National Lab and

Visiting Faculty, Physics, Caltech

## ***Katrin Heitmann***

B.S., ? (Germany)

Ph. D., Physics, University of Dortmund

Post-doctoral Fellow, Theory Division, Los Alamos

currently:

ISR Division, Los Alamos National Lab

# Additional Source Information

for more information see: <http://open.umich.edu/wiki/CitationPolicy>

Slide 4: Image of a flyer for an event that has already passed. For more information, please go to <http://www.planetblue.umich.edu/events.php>.

Slide 5: Please see original Image of screenshot of website regarding University of Michigan's involvement with open-access publishing at <http://www.montage.umich.edu/2010/09/u-m-joins-compact-for-open-access-publishing/>.