Elsevier, a leading publisher of scientific, technical and medical information products and services, has announced the winners of the Executable Paper Challenge, a program Elsevier created to address the difficulties associated with reproducing computer science research results. The awards presentation ceremony took place at the 2011 International Conference on Computational Science (ICCS) on June 1 in Singapore.

The winners, selected from a pool of 70 submissions by a distinguished nine-member jury, are as follows:

**First Prize: The Collage Authoring Environment**

Top honors went to The Collage Authoring Environment, whose team members include:

Piotr Nowakowski, Eryk Ciepiela, Daniel Harężlak, Joanna Kocot, Marek Kasztelnik, Tomasz Bartyński, Jan Meizner, and Grzegorz Dyk, ACC CYFRONET AGH, and Tomasz Bartyński, Jan Meizner, and Grzegorz Dyk, ACC CYFRONET AGH, Kraków, Poland, and Maciej Malawski of the Institute of Computer Science AGH, Kraków, Poland, and the Center for Research Computing, University of Notre Dame, USA.

The Collage Authoring Environment is a scalable architecture designed to support authors, reviewers, and end users as well as publishers. The system allows researchers to create papers by combining narrative discussion with snippets of executable code.

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Click here for more information about the Collage Authoring Environment.

**Second Prize: SHARE: A Web Portal for Creating and Sharing Executable Research Papers**


SHARE (Sharing Hosted Autonomous Research Environments) is a Web portal to a catalog of virtual machines. By deploying a copy of the required operating system in SHARE as well as relevant software and data, authors can make a conventional paper fully reproducible and interactive.
For more information, view the following:
- Demonstration
- Paper

Third Prize: A Universal Identifier for Computational Results

Matan Gavish and David Donoho, Stanford University, received third prize for A Universal Identifier for Computational Results.

The Universal Identifier is a specific implementation of one aspect the executable paper—an ID resolution system for results. The proposed solution is simple and elegant, and confers ease of use by adding one or two lines of code.

Click here for more information about the Universal Identifier.