

---

# The Annual 2007 IEEE International Symposium on Workload Characterization (IISWC)

<http://www.iiswc.org/>

Sept 27-29, 2007 – Boston, MA



## Call for Benchmarks



---

IISWC is building a set of benchmarks to distribute to researchers. You are invited to participate in the creation of this benchmark set. In addition to the normal paper submissions, IISWC will accept "benchmark submissions". These comprise C, C++, C# or Java code, inputs to the code, and an associated six-page paper. The goal of the paper should be to explain the benchmark, what it does, and why it is relevant to a particular user community. Benchmark authors should be willing to allow distribution of source code and input sets. Code must be open source consistent with the GNU general public license, see <http://www.gnu.org/licenses>.

We encourage software developers to submit benchmarks from any application domain, especially from under-represented and emerging domains. Example workload areas of interest are, but not limited to, data mining, bioinformatics, virtualization, gaming, 3D, graphics, biometrics, security, embedded, mobile, multimedia, etc. We especially encourage multithreaded and transactional memory benchmark submissions. Also, benchmarks written in emerging programming languages are of great interest.

The criteria that will be used to judge benchmark submissions include:

- significance of the benchmark to a user community,
- ease of use,
- quality of the benchmark write-up, and
- portability of the submitted code.

Successful submissions will be included in the IISWC benchmark set and their associated descriptive short six-page papers will be published in the IISWC proceedings.

**Important Dates:** Paper and Benchmark Submission: **April 22, 2007 (firm deadline)**  
Notification: **May 28, 2007**

Submissions will be in the form of a webpage that will include documentation on the benchmark, source code and benchmark inputs. Send all submissions to Lieven Eeckhout at [leeckhou@elis.ugent.be](mailto:leeckhou@elis.ugent.be).

Committee : Lieven Eeckhout (chair), Ghent University  
Kevin Lepak, AMD  
Alex Ramirez, Barcelona Supercomputing Center & UPC  
Sami Yehia, ARM  
Tim Sherwood, University of California, Santa Barbara  
Yan Solihin, North Carolina State University

---