



The Association for Computing Machinery  
*Advancing Computing as a Science & Profession*

## European Chapter of ACM SIGOPS

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### FOR IMMEDIATE RELEASE

## EUROSYS 2008 EXPLORES FUTURE COMPUTER SYSTEM DESIGNS

### Leading Experts Present Innovative Technology Trends in Systems Design

**Glasgow, Scotland, March 26, 2008** – EuroSys 2008 features an extensive array of research papers from renowned presenters and speakers who will offer new ideas that promise to revolutionize system design. The conference, from **March 31 - April 4, at the University of Glasgow in Scotland**, will address computer system research that drives the design and development of new technologies for the next 10 years and beyond. These technologies range from new operating system design concepts to faster and more reliable network and storage systems for desktop, enterprise and mobile users. EuroSys 2008 is sponsored by ACM (the Association for Computing Machinery) and the European chapter of ACM SIGOPS, its Special Interest Group on Operating Systems.

The EuroSys 2008 keynote speaker is **Andrew Herbert**, Distinguished Engineer and Managing Director of Microsoft Research in Cambridge, UK. Herbert's presentation observes that systems at all scales are now "multi-processor" - from mobile phones to multi-core desktops to large-scale data centres. He will discuss the systems issues and opportunities that arise from this apparent architectural consistency across the board, and how to exploit concurrency to build more reliable and more intelligent systems.

A broad selection of research papers at EuroSys 2008 will present substantiated new research, novel technical results, and reports on significant experience and experimentation. Topics include: operating system scheduling; distributed storage systems; file systems; experience papers in network design; security in distributed systems; tools for measuring system properties; and software engineering;

EuroSys 2008 will present the annual Roger Needham PhD Award <http://www.eurosys.org/phdprize/index.php>, which recognizes a Ph.D. student from a European University whose thesis is regarded as an exceptional, innovative contribution to knowledge in the systems area. This year, the recipient of this award is Adam Dunkels, currently a researcher at the

Swedish Institute of Computer Science. This award recognizes his work in networked embedded systems. In addition, EuroSys will present best paper awards to top research papers in the conference.

EuroSys 2008 includes several co-located workshops and tutorials, including many first- and second-time events:

- **European Workshop on System Security (EUROSEC'08)**
- **Workshop on System-level Virtualization for High Performance Computing (HPCVIRT'08)**
- **Workshop on Dependable Distributed Data Management (WDDDM'08)**
- **NetFPGA Tutorial on Middleware for Network Eccentric and Mobile Applications 2008 (MINEMA'08)**
- **Workshop on Real-World Wireless Sensor Networks (REALWSN'08)**
- **Workshop on Social Network Systems**
- **Workshop on Recent Advances on Intrusion-Tolerant Systems (WRAITS'08)**
- **Workshop on Isolation and Integration in Embedded Systems (IIES'08)**
- **EuroSys Doctoral Workshop**

The conference attracts recognized academics, undergraduate students, industrial developers, researchers and managers as well as creators and users of technology from across the globe. For more information, or to register, click on <http://www.eurosys.org/2008/>

#### **About ACM**

ACM <http://www.acm.org> is widely recognized as the premier organization for computing professionals, delivering resources that advance the computing and IT disciplines, enable professional development, and promote policies and research that benefit society. ACM hosts the computing industry's leading Digital Library and Guide to Computing Literature, and serves its 80,000 global members and the computing profession with journals and magazines, conferences, workshops, electronic forums, and its Career Resource Centre and Professional Development Centre.

#### **About ACM SIGOPS, European Chapter**

EuroSys <http://www.eurosys.org>, the professional society for Computer Systems in Europe, was established to promote excellence in Computer Systems education, research and industry in Europe. It was formed to federate European researchers in the area to improve their impact and to provide the European perspective within the international Systems community. EuroSys is approved as the European chapter of [ACM SIGOPS](#).

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