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## **EUROSYS 2010 Roger Needham PhD Award**

### **Prize donated by Microsoft Research Cambridge**

Dr. Willem de Bruijn was awarded the [2010 Roger Needham PhD award](#) for his doctoral thesis "Adaptive Operating System Design for High Throughput I/O" at a ceremony in Paris, France on April 15<sup>th</sup> 2010. [Eurosys](#), the European Chapter of ACM SIGOPS, has established this annual prize to be awarded to a PhD student from a European University whose thesis is regarded to be an exceptional, innovative contribution to knowledge in the systems area. "Systems" is interpreted broadly, and includes operating systems, distributed systems, real-time systems, systems aspects of databases, language runtimes, embedded systems, computer networks, etc. The prize is €2000 and is donated by Microsoft Research Cambridge. The prize is named after the British computer scientist Roger Needham, who made fundamental contributions to computer systems.

Dr. Willem de Bruijn defended his thesis at the Vrije Universiteit Amsterdam in July 2009 and is currently a post-doctoral research associate at Cornell University. He has broad interests in operating system design, networking and I/O, memory management and most recently computer system security.

The selection process was very competitive. The selection committee included 9 experts in the field. 16 nominations were received from 9 different countries, and each nomination received at least 3 reviews from the experts. Other strong nominations short-listed included the following students and respective thesis topics:

- Norman Feske, TU Dresden, "Securing Graphical Interfaces"
- Jan Reineke, Saarland University, "Caches in WCET Analysis: Predictability, Competitiveness, Sensitivity"
- Patrick Stuedi, ETH Zurich, "From Theory to Practice: Fundamental Properties and Services of Mobile Ad Hoc Networks"
- Fengxiang Zhang, York, "Analysis for EDF Scheduled Real-Time Systems"

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

[EuroSys](#), 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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