

## **International Workshop on Software Audits and Metrics (SAM '2004)**

April 14, 2004 – Porto, Portugal

### **First Announcement and Call for Papers**

In conjunction with the Sixth International Conference on Enterprise Information Systems - ICEIS 2004 (<http://www.iceis.org/>)

### **Co-Chairs:**

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### **Workshop Background and Goals**

Modern societies demand high quality products and services, which rely more and more on software. Software quality has become a key issue for software development organizations, which try to improve software processes and products.

Audits and metrics could help to ensure that software meets all the client requirements and needs, and to find anomalies as early and as inexpensively as possible. Audit and metrics also provide visibility into the various areas in the organization, which is necessary to understand and improve software processes.

The workshop intends to provide a forum for researchers and practitioners working on approaches, methods, techniques, guidelines, and tools for auditing, measuring, predicting, evaluating, controlling, assuring and improving the quality of software processes and products.

We cordially invite researchers and practitioners to submit original research, survey or experience papers to SAM'2004

### **Topics of interest include, but are not limited to**

- Standards and procedures for software audits
- Software audit automatic support
- Quality metrics
- Standards for the collection and comparison of metrics
- Validation of software metrics
- Testing and inspection metrics
- Metrics and CASE tools
- Assessment of software processes
- Software reliability

- Estimation models for software development
- Certification of software processes and products
- Training and qualification in audit and metrics

### **Format of the Workshop**

The workshop will consist of oral presentations. The proceedings of the workshop will be published in the form of a book by ICEIS.

### **Submission of Papers**

Prospective authors are invited to submit papers for oral presentation in any of the topics listed above. Only full papers in English will be accepted, and the length of the paper should not exceed 10 pages (5000 words). Instructions for preparing the manuscript (in Word and Latex formats) are available in the ICEIS web page. Postscript/RTF versions of the manuscript should be submitted thru ICEIS web-based paper submission procedure.

### **Important Dates**

Full paper submission: December 15, 2003

Author notification: January 28, 2004

Camera-ready: February 7, 2004

### **Workshop Program Committee:**

Fernando Brito e Abreu, Universidade Nova de Lisboa (Portugal)

Coral Calero, University of Castilla-La Mancha (Spain)

Giovanni Cantone, University of Rome (Italy)

Marcela Genero, University of Castilla-La Mancha (Spain)

Elixabete Ostolaza, European Software Institute

Geert Poels, Ghent University (Bélgica)

Houari Sahraoui, Université de Montréal (Canada)

Jeffrey Voas, Cigital (USA)

(list not yet complete)

### **Conference Location**

The workshop will be held at the Universidade Portucalense, Porto, Portugal.

### **Registration Information**

To attend the workshop you need to register at <http://www.iceis.org>

### **Secretariat**

ICEIS-2004 Secretariat – Intl. Workshop on Software Auditing and Metrics (SAM 2004)  
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