

# *Welcome to the ...*

**WORKSHOP**

**on**

**Quantitative Methods for Object-Oriented Systems Development**

*organized by:*

*Horst Zuse, Berlin Technical University*

*Brian Henderson-Sellers, University of Technology (Sydney)*

*Fernando Brito e Abreu, INESC / Lisbon Technical University*

**ECOOP'95**

**Aarhus, Denmark, 7 August 1995**

## **MORNING PROGRAM**

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8:30 - WORKSHOP OPENING SESSION

Participants introduction.

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8:50 - PAPER PRESENTATION:

"Measurement Based Object-Oriented Software Development"

Reiner R. Dumke and E. Foltin, Faculty of Computer Science, University of Magdeburg, Germany

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9:30 - PAPER PRESENTATION:

"Design Metrics for Object-Oriented Software Systems"

Fernando Brito e Abreu, INESC and ISEG - Lisbon Technical University, Portugal

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10:10 - COFFEE BREAK

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10:30 - PAPER PRESENTATION:

"Object-Oriented Software Measures", Horst Zuse, Berlin Technical University, Germany

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11:10 - PAPER PRESENTATION:

"Investigations on the Properties of Object-Oriented Software Metrics"

Thomas Fetcke, Berlin Technical University, Germany

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11:50 - PAPER PRESENTATION:

"Process Measures and Process Modelling"

Maurizio Morisio, Dipartimento di Automatica e Informatica, Politecnico di Torino, Italy

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12:30 - LUNCH

## AFTERNOON PROGRAM

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14:00 - PAPER PRESENTATION:

"Using Fuzzy-Logic Based Metrics to Minimize the Side-effects of Thresholds and Context on Software Development"

Mehmet Aksit and Francesco Marcelloni, Dept. of Computer Science, Univ. of Twente, The Netherlands

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14:40 - PAPER PRESENTATION:

"Frameworks for a Software Metrics Programme"

Brian Henderson-Sellers, Centre for Object Technology and Research, Univ. of Tech., Sydney, Australia

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15:20 - COFFEE BREAK

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15:40 - WORKING GROUPS SESSION

Modus faciendi to be discussed in loco

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17:30 - WORKSHOP CLOSING SESSION

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### ***TOOL DEMONSTRATION:***

*During the breaks, a PC tool to support a Metrics Education System (specially focused on OO metrics) will be available for evaluation. A more formal presentation can eventually be done during or after the Working Groups Sessions.*