

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

8:30 - 8:45 Welcome

8:45 - 10:30 Keynote Lecture

“Quantifying the Unquantified: How quantification of key performance attributes can improve project audit, process audit and project management” by *Tom Gilb*

10:30 - 11:00 Coffee Break

11: 00 - 12:30 1<sup>st</sup> Session

10:30 - A new suite of metrics for object-oriented software

*Cara Stein, Letha Etzkorn, Glenn Cox, Phillip Farrington, Sampson Gholston and Dawn Uiley*

11:00 - Traceability and factorization in class diagrams: an experimentation of their correlation

*Cam-ngran Tran and Michel Dao*

11:30 - Towards a metrics suite for conceptual models of datawarehouses

*Manuel Serrano, Coral Calero, Juan Trujillo, Sergio Luján and Mario Piattini*

12:00 - Validating metrics for OCL expressions expressed with UML/OCL models

*Marcela Genero, Luis Reynoso and Mario Piattini*

12:30 – 14:30 Lunch

14:30 – 16:30 2<sup>nd</sup> Session

14:30 - Analysis of software measures using metrology concepts – ISO 19761 case study

*Alain Abran and Asma Sellami*

15:00 - Classifying Web Metrics

*Julian Ruiz, Coral Calero and Mario Piattini*

15:30 - Design measures for distributed information systems: and empirical evaluation

*Pablo Rossi and George Fernandez*

16:00 - A tool-based methodology for software portfolio monitoring

*Joost Visser*

16:30 – 17:00 Coffee Break

17:30 – 18:30 3<sup>rd</sup> Session

17:00 - Can fuzzy mathematics enrich the assessment of software maintainability?

*Gerardo Canfora, Luigi Cerulo and Luigi Troiano*

17:30 - Towards a model for managing success factors in software process improvement

*Joseph Trienekens and Anders Nilsson*

18:00 Closing