
Biographical Information

Mario R. Barbacci

Mario Barbacci is a Senior Member of the staff at the Software Engineering Institute (SEI) at Carnegie Mellon University. He was one of the founders of the SEI where he has served in several technical and managerial positions, including Project Leader (Distributed Systems), Program Director (Real-time Distributed Systems, Product Attribute Engineering), and Associate Director (Technology Exploration Department). Prior to joining the SEI he was a member of the faculty in the School of Computer Science at Carnegie Mellon University.

His current research interests are in the areas of software architecture and distributed systems. He has written numerous books, articles, and technical reports and has contributed to books and encyclopedias on subjects of technical interest.

Barbacci is a member of the Institute of Electrical and Electronic Engineers (IEEE) and the IEEE Computer Society, a member of the Association for Computing Machinery (ACM), and a member of Sigma Xi. He was the founding chairman of the International Federation for Information Processing (IFIP) Working Group 10.2 (Computer Descriptions and Tools) and has served as chair of the Joint IEEE Computer Society/ACM Steering Committee for the Establishment of Software Engineering as a Profession (1993-1995), President of the IEEE Computer Society (1996), and IEEE Division V Director (1998-1999).

Barbacci is a Fellow of the Institute of Electrical and Electronic Engineers (IEEE) and the recipient of several IEEE Computer Society Outstanding Contribution Certificates, the ACM Recognition of Service Award, and the IFIP Silver Core Award.

Barbacci received bachelor's and engineer's degrees in electrical engineering from the Universidad Nacional de Ingenieria, Lima, Peru, and a doctorate in computer science from Carnegie Mellon.

In addition to the above biographical information, Barbacci was one of the founders of the ISW series and have served in various position, including general chair and treasurer and member of the ISW Steering Committee.



Software Engineering Institute
Carnegie Mellon University
Pittsburgh, Pennsylvania 15213-3890
(412) 268-7700

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Specifically, addressing the theme of the workshop, he is one of the developers of a method for evaluating the quality attributes of a software architecture. The method aims at identifying risks, sensitivities and trade-offs between quality attributes such as performance, dependability, security, etc.

Contact Information

Last Name : Barbacci

Full name : Mario R. Barbacci

Job Title : Senior member of the Technical Staff

Address 1 : Software Engineering Institute

Address 2 : Carnegie Mellon University

Address 3 : 4500 Fifth Avenue

City : Pittsburgh

State : PA

Post Code : 15213-3890

Country : USA

Phone : (412) 268-7704

Fax : (412) 268-5758

email : mrb@sei.cmu.edu