
Foreword

Welcome to the 12th IEEE International Conference and Workshops on the Engineering of Computer-Based Systems (ECBS'05)!

The meeting will continue advancing methods and techniques for the design, development, and deployment of complex systems whose behavior is largely determined and controlled by computers. ECBS encompasses many facets: system modeling, formal methods, requirements specification and engineering, architectures, system integration, project management, and life-cycle issues. This emerging discipline provides innovative techniques for tackling complexity which is inherent in integrating software, hardware, and communication components into a complete system.

The Maryland meeting is co-located with the SEW-29, the 29th Annual IEEE/NASA Software Engineering Workshop. This workshop aims to bring together NASA technical staff, contractors, academics and industrial practitioners interested in the advancement of software engineering principles and techniques. Having the two events co-located presents an excellent opportunity for cross-cutting interactions and further advancement of our goals.

We are grateful to many volunteers for their invaluable assistance in reviewing the submissions, making local arrangements, and coordinating our activities with IEEE. A special thanks to all the authors whose papers and presentation make the conference what it truly is — an exciting forum to learn, exchange ideas, meet old friends, and make new ones!

Michael Hinchey, General Chair

Jerzy Rozenblit, Program Chair

John Leaney, Program Co-Chair

Tim O'Neill, Program Co-Chair