Lau / Banach

Formal Methods and Software Engineering

7th International Conference on Formal Engineering Methods, ICFEM 2005, Manchester, UK, November 1-4, 2005, Proceedings

This volume contains papers presented at the 7th International Conference on Formal Engineering Methods (ICFEM 2005), 1–4 November 2005, Manchester, UK. Formal engineering methods are changing the way that systems are dev- oped. With language and tool support, these methods are being used for se- automatic code generation, and for the automatic abstraction and checking of implementations. In the future, they will be used at every stage of development: requirements,speci? cation,design,implementation,testing,anddocumentation. The aim of ICFEM 2005 was to bring together those interested in the - plication of formal engineering methods to computer systems. Researchers and practitioners, from industry, academia, and government, were encouraged to - tend, and to help advance the state of the art. The conference was supported by sponsorships from Microsoft Research, USA, the Software Engineers Association of Japan, the University of Man- ester, Manchester City Council, FormalMethods Europe (FME) and the British Computer Society FormalAspects ofComputing Specialist Group(BCS-FACS). We wish to thank these sponsors for their generosity. The ?nal programme consisted of 3 invited talks and 30 technical papers selected from a total of 74 submissions. The invited speakers were: Anthony Hall, independent consultant, UK; Egon B¨ orger, University of Pisa, Italy; John Rushby, SRI, USA. Their talks were sponsored by BCS-FACS, Microsoft - search and FME respectively. We wish to thank the invited speakers for their inspiring talks.

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