

Preface

This book contains a selection of the papers presented at the IFIP WG 3.2 Working Conference on Informatics Curricula, Teaching Methods and Best Practice – ICTEM 2002, plus three reports from the groups that worked during the conference. ICTEM2002 took place at the Jurerê Beach Village Hotel, in Florianópolis Brazil, from 10 to 12 July 2002.

The 13 papers selected to be included in this book were chosen from 24 papers presented at the conference. These papers report on several aspects of informatics curricula and teaching methods such as:

- Challenges in Defining an International curriculum
- The diversity in informatics curricula
- Computing programs for scientists and engineers
- Patterns of curriculum design
- Student interaction
- Teaching of programming
- Peer review in education

The working group meetings were organized in three parallel tracks. Working Group 1 discussed the “Directions and Challenges in Informatics Education”. The focus of Working Group 2 was “Teaching Programming and Problem Solving”. Working Group 3 discussed “Computing: the shape of an evolving discipline.” Each WG worked actively and prepared a report with the results of the discussions; these reports are included as the second

part of this book. The success of the conference format and themes discussed encourage the participants to work on organizing new meetings to continue the work on informatics curricula.

We hereby would like to thank IFIP and more specifically IFIP WG 3.2, the Brazilian Computer Society and ACM for the support of this event. We also would like to thank the participants who contributed to the success of the conference, the reviewers who carefully selected and provided feedback for the papers and the conference organizers who have done a great job.

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July 2002

Informatics Curricula and Teaching Methods

IFIP TC3 / WG3.2 Conference on Informatics Curricula,
Teaching Methods and Best Practice (ICTEM 2002) July
10-12, 2002, Florianópolis, SC, Brazil

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2003, XVI, 152 p., Hardcover

ISBN: 978-1-4020-7266-6