

Web Engineering and Peer-to-Peer Computing

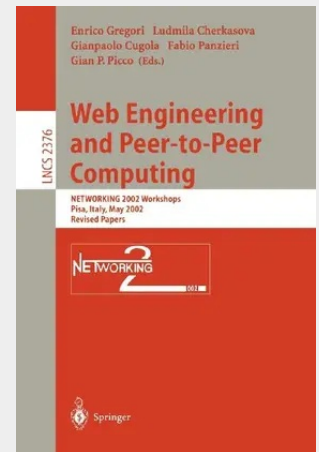
NETWORKING 2002 Workshops, Pisa, Italy, May 19-24, 2002, Revised Papers

This book constitutes the refereed proceedings of the two thematic workshops held jointly with Networking 2002: WEB Engineering and Peer-to-Peer Computing. Networking 2002 was organized by the Italian National Research Council (CNR) and was sponsored by the IFIP working groups WG 6.2 (Network and Internet Work Architectures), WG 6.3 (Performance of Communication Systems), and WG 6.8 (Wireless Communications). The program of the conference covered five days and included the main conference (three days), two tutorial days, and one day of thematic workshops.

The International Workshop on Web Engineering was dedicated to the discussion of the principal issues that emerge in the design and implementation of large-scale, complex, Web-based systems. Scalability issues pose a number of challenging problems to solve for both applications and the underlying web/network infrastructure. On one hand, web services and internet applications must take into account network performance and transport protocol design, to achieve acceptable performance and robustness. On the other hand, emerging network and Web technologies are determined by the requirements of these applications. Fifteen papers were presented that illustrated the current state of the art in this area. In addition to the authors of these papers, the Workshop on Web Engineering was attended by about thirty participants, who contributed to the workshop by stimulating fruitful discussions at the end of each presentation. Thus, this workshop provided an excellent opportunity for researchers, from both industry and academia, to gather, exchange ideas, and discuss recent results in the development of Web-based systems and emerging Internet applications.

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