

# Preface

This volume contains the papers that were accepted for presentation at the International Conference on T<sub>E</sub>X, XML, and Digital Typography, jointly held with the 25th Annual Meeting of the T<sub>E</sub>X Users Group in Xanthi, Greece in the summer of 2004. The term “Digital Typography” refers to the preparation of printed matter using only electronic computers and electronic printing devices, such as laser-jet printers. The document preparation process involves mainly the use of a digital typesetting system as well as data representation technologies. T<sub>E</sub>X and its offspring are beyond doubt the most successful current digital typesetters, while XML is the standard for text-based data representation for both business and scientific activities.

All papers appearing in this volume were fully refereed by the members of the program committee. The papers were carefully selected to reflect the research work that is being done in the field of digital typography using T<sub>E</sub>X and/or its offspring.

The problems for which comprehensive solutions have been proposed include proper multilingual document preparation and XML document processing and generation. The proposed solutions deal not simply with typesetting issues, but also related issues in document preparation, such as the manipulation of complex bibliographic databases, and automatic conversion of text expressed in one grammatical system to a more recent one (as for the Greek language, converting between monotonic Greek and polytonic Greek).

The conference is being graciously hosted by the Democritus University of Thrace in Xanthi and by the Greek T<sub>E</sub>X Friends. We wish to thank Basil K. Papadopoulos and Georgia Papadopoulou of the Democritus University for their generous help and support in the preparation of the conference. Also special thanks go to Stratos Doumanis, Georgios Maridakis, and Dimitrios Filippou for their invaluable help. Last but not least we thank the Manipulicity of Xanthi for their help and support.

Xanthi, Greece  
July 2004

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TeX, XML, and Digital Typography

International Conference on TEX, XML, and Digital  
Typography, Held Jointly with the 25th Annual Meeting  
of the TEX User Group, TUG 2004, Xanthi, Greece,  
August 30 - September 3, 2004, Proceedings

Syropoulos, A.; Berry, K.; Haralambous, Y.; Hughes, B.;  
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2004, VIII, 272 p., Softcover

ISBN: 978-3-540-22801-1