

Eurographics 2005

Education Papers

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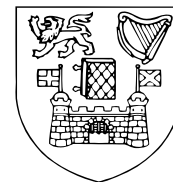
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Preface

These proceedings contain the papers of the Education Program section of the EUROGRAPHICS 2005 Annual Conference, held in Dublin (Ireland), between the 30th of August and the 3rd of September 2005. The Education Program was started at the 2003 conference in Granada (Spain), and continued in 2004, at the conference held in Grenoble (France).

The purpose of the Education Program is to highlight the innovative work of scholars and educators who are seeking to extend and improve the methods by which computer graphics is taught and used in our educational establishments. This work is of obvious interest and benefit to all of us involved in computer graphics. Effective undergraduate graphics courses ensure that graduates entering research programmes or industry are well equipped to handle the demands that will be placed on them. In addition to this, the educational arena in general is a rich application area for our work, as graphics has enormous value as a means of explaining concepts in a visual manner.

To reflect these two aspects of graphics in education we divide the Education Program into two complementary sessions. The first one, Computer Graphics Education, contains papers which discuss interesting and innovative ways of teaching computer graphics. The second session, Computer Graphics *For* Education, contains papers by authors describing novel ways of using computer graphics to teach.

The program this year was unexpectedly successful. Not only was the number of submissions more than twice as high as last year but the papers submitted were mostly top-ranked by the reviewers. As we have only a limited session time it was not possible to accept more than 7 papers of those submitted. Consequently we had to select only the highest ranked papers and were forced to reject ones which ordinarily would have been considered acceptable. This has resulted in an extremely high standard and we believe that the resulting accepted papers offer a comprehensive overview of computer graphics in education at this point in time.

We wish to thank all the authors for the quality of the work they submitted to the EUROGRAPHICS Education Program. We wish also to thank the experts who advised in the selection process, in particular; Steve Cunningham, Tim Davis, Judy Brown, Isabel Navazo and Karl-Werner Hansmann. Finally we want to express our gratitude to the EG'05 organizers and to the EUROGRAPHICS Association for their valuable support.

Jean-Jacques Bourdin and Hugh McCabe

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Index

ED1 **Computer Graphics Education**

- A PBL Experience in the Teaching of Computer Graphics** 1
E. Martí, D. Gil, C. Julià
- Computer Graphics Courseware** 11
T. Ullrich, D. W. Fellner
- Function-based Shape Modeling Framework in Multilevel Education** 19
A. Pasko, V. Adzhiev, Y. Goto, C. Vilbrandt
- Virtual Reality Course – A Natural Enrichment of Computer Graphics Classes** 25
J.Zara

ED2 **Computer Graphics For Education**

- Using 3D Graphics for Learning and Collaborating Online** 33
T. Monahan, G. McArdle, M. Bertolotto
- Efficient Architecture for Low-Cost Adaptive 3D Graphics-Based E-Learning Applications** 41
L. Salgado, J. Bescós, F. Morán, J. Cabrera, E. Estalyo, J. Cubero
- Visual Learning for Science and Engineering** 51
J. R. Brown, S. Cunningham, W. Hansmann, M.B. McGrath

