

Preface

Together with network technologies, the area of computer applications is expanding rapidly. In the coming knowledge-based society use of computers for creation and connection/collaboration among people is essential. The Second International Conference on Creating, Connecting and Collaborating through Computing (C⁵ 2004) held on January 29-30, 2004 at Keihanna-Plaza, Kyoto, Japan provides an international forum for technical discussion among researchers, developers and users of object-oriented computing (especially, Smalltalk, Squeak and Croquet), collaboration technologies and learning environments.

The C5 2004 conference is organized by the 21st Century Center of Excellence (COE) Program “Development of Knowledge Society Infrastructure” of Kyoto University, Communications Research Laboratory, and the Research Promotion Council of CRL Keihanna Open Laboratory. We would like to express our thanks for the cooperation of Viewpoints Research Institute, INC., Kyoto Software Applications, Inc., Information Processing Society of Japan Kansai Chapter, IEEE Kansai Section, and IEICE, Information and Systems Society.

The C5 2004 conference called for papers concerned with the following topics: (1) development and applications of Squeak and Croquet, (2) technologies for creating learning environments (3) viewing, creating and manipulating multimedia, 3D and animation objects, and (4) collaboration among users in distributed space/time. We were successful in gathering 29 very attractive papers (8 English invited papers, 4 Japanese invited papers, 8 English regular papers, 2 Japanese regular papers, 2 English short papers, and 5 Japanese short papers). Also, our program includes a keynote talk by Dr. Alan Kay, a plenary talk by David Smith and Dr. Andreas Raab, a tutorial on Croquet by Dr. Andreas Raab and David Smith, a special talk by Dr. Alan Kay and Dr. Chigusa Kita, and A Squeak “BOF”. These 29 contributions cover the interesting areas: Collaboration and Contents, Virtual Space and Collaboration, Programming Environments, Educational Systems, and Creative Learning Environments.

The C5 2004 conference was prepared and helped by a lot of people. Especially, we would like to express our sincere appreciation to the great work by the following persons: Finance & Registration Co-Chairs: Dr. Rieko Kadobayashi (Communications Research Laboratory) and Ms. Hitomi Takada (Kyoto University), Publicity Chair: Dr. Yutaka Kidawara (Communications Research Laboratory), Publications Chair: Dr. Chigusa Kita (Kyoto University), and Local Arrangements Chair: Dr. Akiyo Nadamoto (Communications Research Laboratory). The success of the conference is due to the hard work of these committee chairs and other volunteers. Many thanks to all!

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