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Preface

The CAiSE '90 conference is the second of a series of Conferences on Advanced information Systems Engineering. The location of each of the future annual conferences will be chosen to be in one of the four Nordic countries.

The first conference in the series was arranged in Stockholm in 1989. The initiative to arrange the conference was taken by Professor Janis Bubenko of Stockholm University and SISU, the Swedish Institute for Systems Development. Even if the first conference was given a fairly restricted publication outside of the Nordic countries, the number of submissions from other countries were high. This indicated a need for this type of conference in the international research community. So we decided to make the conference a truly international event.

The calls for papers have been widely distributed in Europe for the CAiSE '90 conference. The program committee was chosen among very well reputed European researchers in the field of information systems engineering, and from key professionals in Nordic industrial companies and consultancy companies. This gave very encouraging results. The quality of the submitted papers were as good as could reasonably be expected. We are very satisfied, indeed, with the quality that we have achieved for the conference. There is also a very good international spread of the authors, who come from ten different countries. This gives a very good basis for future arrangements.

The CAiSE conferences try to ride two horses simultaneously. On the one hand, they are scientific conferences, where papers are chosen in the usual way: each submitted paper is reviewed by three members of the program committee, and chosen according to the ratings given. These papers are published in the conference proceedings. On the other hand, they are also conferences of invited speakers, who treat subjects that are known to be of central importance to the advanced practitioner. These presentations will only partly be supported by papers, which are usually not written within the deadlines for the submitted papers. Most experiences show that it is difficult to have the invited contributions fully documented in time for printing of the proceedings. We have consequently decided to publish only abstracts of the invited papers in the proceedings.

The program committee has made great efforts to compose a program of submitted papers and invited presentations that is appealing both to the advanced practitioner and to the information systems engineering researcher. It is our hope that the two groups of people can find a fruitful intersection of interesting topics and presentations in the CAiSE '90 conference.

The CAiSE '90 conference program could not have been created without the efforts of the authors, and of the program committee members, who have donated their time to the conference. They deserve our deepest thanks.

The editors

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Chairman's message

It is a great pleasure for me to welcome the participants of CAiSE '90 to Stockholm and Electrum. We are proud to be your hosts for the second year. We also very much appreciate the international response to the conference, in terms of paper submissions as well as attendance.

CAiSE '90 has several objectives. The first one is technology and knowledge transfer between research and business and industry in the field of information systems engineering. This two-way transfer is achieved by presenting current high-quality research as well as experiences and ideas from advanced applications in business and industry. The second objective is to improve communication between the research and the business and industry communities. We hope the structure of the conference program will effectively contribute to this objective. The third objective is to stimulate increased communication and exchange in this field within the Nordic countries (while doing our best at being international).

The CAiSE '90 conference program looks very promising and encouraging in all these respects. In my opinion, it is one of the few conferences to strike a good balance between scientific contributions and contributions from business and industry. CAiSE is also the first truly international conference series on information systems engineering in the Nordic countries.

I would like to thank all the people, worldwide, who made this possible by contributing interesting and high quality papers. Credit must also be given to our colleagues on the program committee, who have devoted much of their time to reviewing. A special acknowledgement and thanks should be given to the program committee chairman Professor Arne Sølberg, the program coordinator Dr. Bo Steinholtz, and the organizing committee chairman Mr. Lars Bergman. Together with staff from SISU they have skillfully managed the complex conference development process.

CAiSE is an annual Nordic conference event in the area of information systems engineering with sites alternating between the Nordic countries. Next year's event will take place in Trondheim, Norway. CAiSE '91 will be hosted by the Norwegian Institute of Technology. I am sure you will find Trondheim a beautiful city full of hospitality and excellent facilities for professional as well as leisure activities. I am looking forward to seeing you all in Trondheim in 1991.

Janis Bubenko jr
General Chairman

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