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Advanced Programming Environments

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Trondheim, Norway, June 16–18, 1986



Edited by
Reidar Conradi, Tor M. Didriksen and Dag H. Wanvik



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in cooperation with ACM SIGPLAN/SIGSOFT

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PREFACE

Many Programming Environment (PE) conferences have been arranged over the last years, and more will come. Why this one?

We feel that several of these have failed to bring industry and academia together in a fruitful dialogue, partly because of the topics covered. A traditional conference also leaves too little time for plenary discussions. Since IFIP's Working Group 2.4 on Systems Programming Languages (with 29 members) had planned a meeting on June 10-13 1986 in Trondheim, Norway, some Norwegians conceived the idea to arrange a conjunctive workshop. Trondheim hosts the largest university and research center in computers and electronics in Northern Europe, totalling over 500 scientists. Trondheim in mid-June also represents an attractive site for a combined arrangement.

IFIP WG 2.4 accepted this idea by mid-October 1985, but did not have the time or resources to arrange a traditional conference with invited and refereed papers. A true workshop cannot have a too large attendance, either. We therefore decided on 6-7 major subjects, 30-35 invited speakers, and an additional open, but screened audience of 70-75 persons. Members of the working group were given first priority to attend, in case of space shortage.

By November 15 1985 we had acquired sufficient external support for travel grants and had received indications from ACM SIGPLAN/SIGSOFT about "cooperation". A formal workshop committee was then established and we invited 50 selected persons to submit papers. By January 15th 1986, a preliminary workshop program was set up, based on 35 submitted abstracts - whereof 3 from WG 2.4 members. The authors were instructed to submit a draft paper by April 1st, and a full paper by May 25th. The draft versions have been commented by colleagues in Trondheim and Karlsruhe, at SEI/CMU and Genrad. Final versions of the papers were received by Aug. 1st.

We sent out invitations to about 2000 persons, based on mailing lists from previous ACM conferences and other available lists. The workshop was advertised in ACM SIGPLAN Notices, in ACM Operating Systems Review, and on electronic bulletin boards (SW-ENG). We received 150 sign-ups by mid-April, twice as many as we could accomodate. See the enclosed attendance list.

The workshop committee would like to thank the people who made this arrangement possible: speakers, participants, referees, sponsors, WG 2.4 members and observers, local staff, and NTH's conference secretariat. The editors would also like to thank Sharon Berg and Øystein Valle for proofreading and typing of the discussion transcripts.

Trondheim, November 1986

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Reidar Conradi Tor M. Didriksen Dag H. Wanvik

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