

W078 - Information Technology in Construction



THE LIFE-CYCLE OF

CONSTRUCTION IT INNOVATIONS

Technology Transfer from research to practice

PROCEEDINGS

of the W078 Conference

held in Stockholm, Sweden 3 - 5 June 1998

ISBN 91-7170-281-4 CIB Publication 226

Editors

Bo-Christer Björk, Royal Institute of Technology, Sweden

Adina Jägbeck, Royal Institute of Technology, Sweden

The Theme of this Workshop was:

The life-cycle of Construction IT innovations

Technology transfer from research to practice.

Information technology in construction is a wide research domain ranging from computer programming issues to implementing IT-strategies in organisations.

Annually several international conferences, dealing with topics such as product and process modelling, concurrent engineering, knowledge based systems, are arranged. The aim of this W078 Workshop was to focus on how the results of research in construction IT can influence best and current practice in the industry, by bringing together the leading experts on construction IT from the "innovation life-cycle", i.e. research, software development, standardisation, technology transfer and practice. Rather than focus on developments and trends within each of the innovation life-cycle phases in isolation, the aim has been to discuss how actors from these different phases currently interact and how this integration could be further developed in the future.

Over the years the conference format has varied relatively little; sometimes the conference has been organised in one single stream, sometimes the number of presented papers has made it necessary to have parallel sessions. What has changed a lot is the techniques for delivering and disseminating the conference papers. The opportunities offered by the Internet now make it possible both to work with extremely late deadlines for paper submissions, and to use the world wide web for later distribution of the proceedings.

The Editors

Contains 45 full length papers with illustrations

Approximately 500 pages

Session Headings To Which Papers' Relate

- Product Models - Fundamentals
- Product Models - Implementation
- Product Models - Integrating with Construction Planning
- IT Applications in Construction
- IT in Construction - Internet Applications
- IT Innovation - Case Studies and Proliferation Mechanisms
- Current Use of IT in Industry
- National IT Strategies and R & D Programmes
- Role of Implementation Centres in Technology Diffusion

PRICE

Excluding Post and Packing

CIB Members Dfl. (Dutch Guilders) 100.-

Non-Members Dfl. (Dutch Guilders) 125,-

Order from:

CIB General Secretariat

P.O. Box 1837

3000 BV Rotterdam

Tel: +31 10 411 0240

Fax: +31 10 433 4372

E-mail: secretariat@cibworld.nl