



CIB W-78 Computer-Aided Design  
14 August 83; 1400-1700  
Folkets Plus  
Stockholm, Sweden  
Meeting Notes

1. Participants are listed in enclosure 1. Participants at the W-78 Meeting opened the meeting by describing their interests and goals in W-78.

a. I, Ms. Spoonamore, started by saying that my goal is to promote integrated CAD research and development and to immediately catalog the current CAD systems and the ongoing research and development of integrated CAD projects.

b. Dr. Wright expressed that he is the W-78 counselor to help the working group get started.

c. Dr. Christiansson expressed that he is part-time research at Lund Institute and part-time consultant to the Swedish Building Research Council. He is interested in integrated CAD.

d. Mr. Karlsson expressed that his organization provides information and education to the A/E's. He is interested in IGES for transfer of data among design disciplines.

e. Mr. Koselkov, representing his organization in USSR, presented the paper in enclosure 2.

f. Mr. Volbeda expressed that he wants to promote the usage of CAD.

g. Mr. Orshan, on a Fulbright scholarship to Tampere University, Finland, wants to research life-cycle costs throughout the building life-cycle and the possible implementation of CAD at Tampere.

h. Mr. Wilson expressed that he is representing Mr. Dana Vanier at the W-78 meeting.

i. Mr. Roesch expressed he is active in W-65 and will be at Waterloo. His organization has been involved in an automated specifications systems, scheduling and working plans.

j. Dr. Haas expressed that his organization has been involved in development of computer software for 20 years and are now developing 3-D models.

k. Mr. Agger expressed that the Arhus School of Architecture will learn CAD from the ABACUS system and evaluate three CAD systems at three architectural offices and that he hopes to develop their own system.

l. Mr. Larsen wants to learn the impacts of CAD on the current design process.



m. Dr. Kunszt, active in CIB, described the Hungarian Institute of Building Sciences and his work.

n. Dr. Sebestyen expressed that he, from a personal experience, is interested in computer applications.

3. Terms of Reference. We reviewed the terms of reference. We made several changes in the text to clarify items. Please note edited Terms of Reference, enclosure 3, which clarifies that W-78 focuses on integrated CAD rather than standalone computer-aided design and drafting tools. A long discussion ensued among several participants, especially Dr. Haas, Ms. Spoonamore, and Mr. Roesch. See Mr. Roesch's chart below:

<u>Members</u>	<u>Phases</u>	
Owner	Program	Construction
Architect	Preliminary	Quantities
Consultants	Design	Costs
User	Specifications	Time Schedule
	Working Drawings	Economy (LCC)
	Performance	
	(Use)	

#### 4. Work Program.

a. We agreed to conduct a survey on which to base the catalog of research and development of integrated CAD projects and systems. We will prepare the questionnaire through an ad-hoc committee consisting of:

Ms. Spoonamore, Leader  
 Dr. Christiansson  
 Mr. Fassin, CSTB, Belgium (not present)  
 Mr. Dana Vanier, Canada (not present)  
 Mr. Volbeda

b. We agreed to try to hold a symposia in 1985. Mr. Volbeda would like to host the 1985 symposia. However, we also agreed to hold a working commission meeting advertised in advance and inviting a wide range of experts. We shall invite a hundred or more experts to assure at least 20 will come. We would like to have the meeting consist of administration and a technical program of about 2-3 days. The meeting should be held in central Europe or U.K. Mr. Volbeda, the Netherlands, offered to host the meeting. CIB could also host. Perhaps BRE or University of Strathclyde, Mr. Tom Maver, in U. K. may also host. The ad-hoc committee is to organize the meeting to be held in May or June 1984 to include:

Mr. Orshan  
 Mr. Agger  
 Dr. Haas  
 Mr. Volbeda

If Mr. Orshan cannot take the leadership to organize the meeting, then Dr. Haas agreed to take the leadership. The ad-hoc committee should try to



involve Mr. Rob Howards, CICA group, in the meeting organization. Professor Tom Maver may also want to participate. The meeting concluded at 1700.

Respectfully submitted  
Janet H. Spoonamore  
Coordinator W-78

Post Meeting Notes:

Dr. Ivan Dunstan, Director of Building Research Establishment (BRE), Garston, Watford, U.K. offered hosting the meeting at BRE. I agreed that we would conduct the meeting at BRE during the first week of June 1984 at BRE. The meeting days of Tuesday, Wednesday, and Thursday morning have been reserved, June 5, 6, 7, 1984. I also decided, based upon the urgency to plan the June meeting, to request Dr. Haas to lead the technical program committee. Dr. Dunstan's address is:

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CIB W-78 Meeting  
14 August 83

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(Not present at 14 Aug meeting)