

5 - How to Design User-Computer Interfaces

Chair: James Foley

8:30 - 8:45 Introduction / Foley

8:45 - 10:00 Methodology for Designing User Interfaces / Foley

10:00 - 10:20 Break

10:20 - 12:00 Guidelines for Designing User Interfaces / Sibert

12:00 - 1:30 Lunch

1:30 - 1:45 Draftpad - A Simple User Interface / Foley

1:45 - 2:45 Interaction Tasks, Techniques and Devices / Foley

2:45 - 3:05 Break

3:05 - 4:00 Visual Presentation of Information / Foley

4:00 - 5:00 Tools for Implementing User Interfaces / Thomas

TABLE OF CONTENTS

INTRODUCTION	1
A METHODOLOGY FOR DESIGNING USER INTERFACES	4
GUIDELINES FOR DESIGNING USER INTERFACES	33
DRAFTPAD - A SIMPLE USER INTERFACE	57
INTERACTION TASKS, TECHNIQUES, AND DEVICES	71
VISUAL PRESENTATION OF INFORMATION	87
TOOLS FOR IMPLEMENTING USER INTERFACES	127
THE DESIGN OF USER-COMPUTER GRAPHIC CONVERSATIONS	157
GRAPHICAL INPUT INTERACTION TECHNIQUE (GIIT)	185