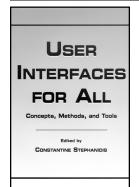
New Book...

EA Lawrence Erlbaum Associates, Inc.



Signature

USER INTERFACES FOR ALL Concepts, Methods, and Tools

Edited by

Constantine Stephanidis

Foundation for Research and Technology-Hellas
A Volume in the Human Factors and Ergonomics Series
Gavriel Salvendy, Series Editor

User Interfaces for All is the first book dedicated to the issues of Universal Design and Universal Access in the field of Human-Computer Interaction (HCI). Universal Design (or Design for All) is an inclusive and proactive approach seeking to accommodate diversity in the users

and usage contexts of interactive products, applications, and services, starting from the design phase of the development life cycle. The on-going paradigm shift toward a knowledge-intensive information society is already bringing about radical changes in the way people work and interact with each other and with information. The requirement for Universal Design stems from the growing impact of the fusion of the emerging technologies, and from the different dimensions of diversity, which are intrinsic to the information society.

This book unfolds the various aspects of this ongoing evolution from a variety of viewpoints. It is a collection of 30 chapters written by leading international authorities, affiliated with academic, research, and industrial organizations, and non-market institutions. The book provides a comprehensive overview of the state of the art in the field, and includes contributions from a variety of theoretical and applied disciplines and research themes.

This book can also be used for teaching purposes in HCl courses at the undergraduate as well as graduate level. Students will be introduced to the human-, organizational-, and technology-oriented dimensions that call for a departure from traditional approaches to user interface development. Students will also get an overview of novel methods, techniques, tools, and frameworks for the design, implementation, and evaluation of user interfaces that are universally accessible and usable by the broadest possible end-user population.

This comprehensive book is targeted to a broad readership including HCl researchers, user interface designers, computer scientists, software engineers, ergonomists and usability engineers, Human Factors researchers and practitioners, organizational psychologists, system/product designers, sociologists, policy and decision makers, scientists in government, industry and education, as well as assistive technology and rehabilitation experts.

(Credit card orders cannot be processed without your signature.)

Contents: G. Salvendy, Foreword. C. Stephanidis, Preface. Part I: Introduction. C. Stephanidis, User Interfaces for All: New Perspectives Into Human-Computer Interaction. Part II: Dimensions. D. Benyon, A. Crerar, S. Wilkinson, Individual Differences and Inclusive Design. A. Marcus, International and Intercultural User Interfaces. M. Maybury, Intelligent User Interfaces for All. L. Bass, Interaction Technologies Beyond the Desktop. P.L. Emiliani, Special Needs and Enabling Technologies: An Evolving Approach to Accessibility. G.C. Vanderheiden, S.L. Henry, Everyone Interfaces. Part Ill: Design. M. Wilson, Theory and Practice From Cognitive Science. T. Winograd, From Programming Environments to Environments for Designing. L.J. Bannon, V. Kaptelinin, From Human-Computer Interaction to Computer-Mediated Activity. M. Pieper, Sociological Issues in HCl Design. M. Antona, D. Akoumianakis, C. Stephanidis, "Generating" Design Spaces: An NLP Approach to HCl Design. Part IV: Software Technologies and Architectural Models. H. Ueda, The FRIEND21 Framework for Human Interface Architectures. J. Kay, User Modeling for Adaptation. A. Waern, K. for Human Interface Architectures. J. Kay, User Modeling for Adaptation. A. Waern, K. Höök, Interface Agents: A New Interaction Metaphor and Its Application to Universal Accessibility. P. Korn, W. Walker, Accessibility in the Java(TM) Platform. Part V: Evaluation. D. Akoumianakis, D. Grammenos, C. Stephanidis, User Interface Adaptation: Evaluation Perspectives. N. Bevan, Quality in Use for All. Part VI: Unified User Interfaces. C. Stephanidis, The Concept of Unified User Interfaces. A. Savidis, C. Stephanidis, The Unified User Interface Software Architecture. A. Savidis, D. Akoumianakis. C. Stephanidis. The Unified User Interface Software Architecture. A. Savidis, D. Akoumianakis. Akoumianakis, C. Stephanidis, The Unified User Interface Design Method. A. Akoumianakis, C. Stephanidis, The United User Interface Design Metrod. A. Savidis, C. Stephanidis, Development Requirements for Implementing Unified User Interfaces. D. Akoumianakis, C. Stehanidis, USE-IT: A Tool for Lexical Design Assistance. A. Savidis, C. Stephanidis, The I-GET UIMS for Unified User Interface Implementation. C. Stephanidis, A. Paramythis, M. Sfyrakis, A. Savidis, A Case Study in Unified User Interface Development: The AVANTI Web Browser. Part VII: Support Measures. D. Dardailler, J. Brewer, I. Jacobs, Making the Web Accessible. C. Stephanidis, D. Akoumianakis, N. Vernardakis, P.L. Emiliani, G. Vanderheiden, J. Ekberg, J. Ziegler, K-P. Faehnrich, A. Galetsas, S. Haataja, I. lakovidis, E. Kemppainen, P. Jenkins, P. Korn, M. Maybury, H.J. Murphy, H. Ueda, Industrial Policy Issues. N. Vernardakis, D. Akoumianakis, C. Stephanidis, Economics and Management of Innovation. Part VIII: Looking to the Future. C. Stephanidis, G. Salvendy, D. Akoumianakis, N. Bevan, J. Brewer, P.L. Emiliani, A. Galetsas, S. Haataja, I. lakovidis, J.A. Jacko, P. Jenkins, A.I. Karshmer, P. Korn, A. Marcus, H.J. Murphy, C. Stary, G. Vanderheiden, G. Weber, J. Ziegler, Toward an Information Society for All: An International Research and Development Agenda. C. Stephanidis, G. Salvendy, D. Akoumianakis, A. Arnold, N. Bevan, D. Dardailler, P.L. Emiliani, I. lakovidis, P. Jenkins, A.I. Karshmer, P. Korn, A. Marcus, H.J. Murphy, C. Oppermann, C. Stary, H. Tamura, M. Tscheligi, H. Ueda, G. Weber, J. Ziegler, Toward an Information Society for All: HCI Challenges and R&D Recommendations. 0-8058-2967-9 [cloth] / 2000 / 760pp. / \$150.00

England; toll-free tel (UK only): 0800-526-830; tel: +44 (0)20-7240-0856; fax: +44

(0)20-7379-0609; e-mail: orders@eurospan.co.uk

Special Prepaid Offer! \$75.00 No further discounts apply.

SPECIAL PREPAID DISCOUNT OFFER! Save 50%

Simply complete this form and send it (please make a photocopy if faxing your order) to:

Lawrence Erlbaum Associates, Inc., 10 Industrial Avenue, Mahwah, NJ 07430–2262 (201) 236–9500 FAX (201) 760–3735 e-mail to: **orders@erlbaum.com** toll-free to order: **1–800–926–6579**

Please send me USER INTERFACES FOR ALL edited by Constantine Stephanidis as follows: cloth copies (2967-9) at the special discounted price of \$75.00 (regularly \$150.00).		Please print clearly to ensure proper delivery. STREET ADDRESS/SUITE/ROOM# REQUIRED FOR DELIVERY.
		Name
	Payment enclosed (U.S. currency only. Please add handling charge of \$2.00 for the first item, and \$.50 for each additional item. LEA pays postage.)	Address
	Total amount \$ (NJ residents add 6% sales tax.)	
	Charge my □ VISA □ MasterCard □ AMEX □ Discover	
	(UPS and handling charges will be added to credit card orders.)	City/State/Zip+4
Card#		Daytime Telephone #
Expiration Date/		Prices are subject to change without notice. Offer valid only in North America. Canadian prices may be slightly higher. Orders from Europe should be directed to:
		The Eurospan Group, 3 Henrietta Street, Covent Garden, London WC2E 8LU,