

1. Record Nr.	UNISA996465902303316
Titolo	Human Computer Interaction [[electronic resource] ] : Vienna Conference, VCHCI '93, Fin de Siecle, Vienna, Austria, September 20-22, 1993. Proceedings // edited by Thomas Grechenig, Manfred Tscheligi
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 1993
ISBN	3-540-48052-8
Edizione	[1st ed. 1993.]
Descrizione fisica	1 online resource (XVI, 456 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 733
Disciplina	004/.01/9
Soggetti	User interfaces (Computer systems) Software engineering Computers Application software Artificial intelligence Natural language processing (Computer science) User Interfaces and Human Computer Interaction Software Engineering Models and Principles Information Systems Applications (incl. Internet) Artificial Intelligence Natural Language Processing (NLP)
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di contenuto	Integrating interactive 3D-graphics into an object-oriented application framework -- An experimental knowledge-based user interface management system -- Objects feeling objects in a multiview object space -- ShareME: A metaphor-based authoring tool for multimedia environments -- Structured browsing of hypermedia databases -- Object-oriented dialog control for multimedia user interfaces -- Contextsensitive help-facilities in GUIs through situations -- User-adapted hypertext explanations -- From conflict to dialogue: On attack

and defense in on-line assistance -- Toward deep modelling and control of human activity at the microscope -- Locating the primary attention focus of the user -- Modifier: Improving an end-user modifiable system through user studies -- Handling interaction in software specification -- Dialogue design through modified dataflow and data modelling -- Deriving the functional requirements for a concept sketching device: a case study -- Theory-based negotiation frameworks for supporting group work -- From undo to multi-user applications -- Software cooperation with the share-kit: Influences of semantic levels on the working efficiency -- MAP&ROOM: A concept of spatial user interface for accessing network services -- TestIt: An automated evaluation tool for human-computer interaction projects -- Software-evaluation based upon ISO 9241 Part 10 -- Diagnosing quality of life in working environments -- Dialogue independence based on a structured UIMS interface -- A Human factors based user interface design -- ActorStudio: An interactive user interface editor -- Natural training wheels: Learning and transfer between two versions of a computer application -- Beyond bars and hour glasses: Designing performance and progress indicators -- The problems of untrained authors creating hypertext documents -- What is so special about exceptional software professionals? -- System-adaptation and reality's own dynamism -- Software ergonomics for real-time systems -- Interface design for clinical information systems: An ecological interface design approach -- On the effects of individual differences with reference to spoken language dialogue systems -- Understanding natural Arabic text -- Structure browsers enhancing the interface concept of graphical editors -- "Relief" — Herstellung von tastbaren Bildvorlagen für blinde oder sehbehinderte Personen -- Adaptable user interfaces for people with special needs -- VIP — Arbeitsplatz für blinde und sehbehinderte Studierende -- An information exploration and visualization approach for direct manipulation of databases -- Offices, balconies, doors and corridors: An experimental interface metaphor for integrating collaborative design styles -- An interactive document image description for OCR of handwritten forms -- Electronic meeting assistance -- Harmonization criterion for the man-machine interaction -- Three-dimensional visual representations for graphical user interfaces: the art of user-involvement -- Guidelines for choosing interaction objects -- Eine computergestützte multimediale Dokumentation über den Golfkrieg -- The global window as a communication mediator in public administration -- A supporting system for human creativity: Computer aided divergent thinking process by provision of associative pieces of information -- An integrated courseware editor based on OLE technology -- Empirical findings on using information technology in the creativity stage of problem solving -- Computers in local administrative offices (province of Salzburg) — aspects of stress, strain and training -- Configurable guides for a seasonal database -- Offering different perspectives in a learning environment.

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## Sommario/riassunto

Scientists and engineers from industry, academia, and major research institutes from 19 countries contributed to the Vienna Conference on Human Computer Interaction (VHCI '93). This volume contains the proceedings of the conference. Only submissions of the highest scientific quality were accepted as papers, and all contributions address the latest research and application in the human aspects of design and use of computing systems. The papers cover a large field of human computer interaction including design, evaluation, interactive architectures, cognitive models, workplace environment, and HCI application areas. The motto of the conference, Fin de Si cle, affiliates

Vienna's intellectual tradition to the field's progressive development at the end of this century. The VHCI is focused on showing that HCI is more than an area to beautify interaction with computers, provokes disputes among its different contributing fields, does not flee the vital questions for people using computers, and provides radically new opportunities for users.

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