Collaborative and Distributed E-Research: Innovations in Technologies, Strategies and Applications

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Technology has made it possible to conduct research and form research groups that are not limited by geographic location. The field of Collaborative and Distributed E-Research (CDER) studies this phenomenon, specifically focusing on the use of the Internet and Information Technology (IT) to develop international and distributed scientific research.

Collaborative and Distributed E-Research: Innovations in Technologies, Strategies and Applications offers insight into practical and methodological issues related to collaborative e-research and furthers our understanding of current and future trends in online research and the types of technologies involved. This book provides a useful foundation for academics and professionals involved in Collaborative and Distributed E-Research, collaborative software development, and computer-supported collaborative work.

Topics Covered:

- Best Practices and Strategies for Efficient CSCR
- Collaborative and Distributed E-Research
- Computer Supported Collaborative Research (CSCR)
- Groupware for Collaborative E-Research
- Human-Computer Interaction in Collaborative E-Research
- Internet- and Web-Based Research
- Internet-Based Knowledge Communities
- Monitoring and Assessment of Collaborative E-Research
- Research Management Systems
- Scientific Social Networks for Research

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Investigating eResearch:
Markauskaite Lina (University of Sydney, Australia)
Kennedy Anne (Charles Sturt University, Australia)
Richardson Jim (University of Sydney, Australia)
Adinomori Arindom (University of Sydney, Australia)
Hellmers Leonie (Intersect Australia Ltd., Australia)

Chapter 2
The Web as a Platform for e-Research in the Social and Behavioral Sciences
Garazi Mikel (Universidad de Deusto, Spain)
Vaillón Miguel (University of Deusto, Spain)
López de Iria Dakota (Universidad de Deusto, Spain)
Matei Helena (Universidad de Deusto, Spain)

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Kharib Vahid (University of Tehran, Iran)
Montazer Ghomali Ali (Tarbiat Modares University, Iran)

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Collaborative and Distributed e-Research Environment for Supporting Scientific Research and the Education Process
Nam Dukyun (Korea Institute of Science and Technology Information, Republic of Korea)
Lee Junhwan (Korea Institute of Science and Technology Information, Republic of Korea)
Cho Kumi Won (Korea Institute of Science and Technology Information, Republic of Korea)

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Arthur Paul (Australian National University, Australia)

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Benieder Marie-Laure (Université de Franche-Comté, France)

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Redfern Sam (National University of Ireland – Galway, Ireland)

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Hiroko Mihai (University University Targoviste, Romania)
Glava Adina (Babes-Bolyai University, Romania)

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