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## 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

**Market:** This premier publication is essential for all academic and research library reference collections. It is a crucial tool for academicians, researchers, and practitioners and is ideal for classroom use.

Angel A. Juan is an Associate Professor of Simulation and Data Analysis in the Computer Science Department at the Open University of Catalonia (UOC) as well as a Researcher at the Internet Interdisciplinary Institute (IN3). He also collaborates as a Lecturer of Computer Programming and Applied Statistics with the Department of Applied Mathematics I at the Technical University of Catalonia (UPC). He holds a Ph.D. in Applied Computational Mathematics (UNED), an M.S. in Information Systems & Technology (UOC), and an M.S. in Applied Mathematics (University of Valencia). His research interests include both service and industrial applications of computer simulation, probabilistic algorithms, educational data analysis, and mathematical e-learning. He has published several papers in international journals, books and proceedings regarding these fields. Also, he has been involved in several international research projects. He is an editorial board member of the Int. J. of Data Analysis Techniques and Strategies as well as of the .

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#### *Investigating eResearch:*

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Kennan Mary Anne (Charles Sturt University, Australia)  
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Aditomo Anindito (University of Sydney, Australia)  
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