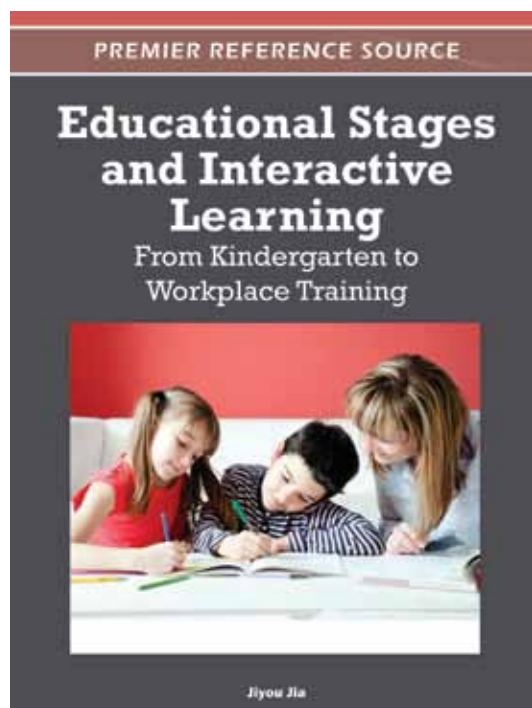


An Excellent Addition to Your Library!

Released: February 2012

Educational Stages and Interactive Learning: From Kindergarten to Workplace Training



Jiyou Jia (Peking University, China)

The adoption of ICT for personal and business use has encouraged the growth of interactive learning as well as its application in a number of education and training scenarios. Designing effective syllabi for interactive learning projects helps to ensure that desired learning outcomes are achieved without incurring a significant loss of time or money.

Educational Stages and Interactive Learning: From Kindergarten to Workplace Training provides a record of current research and practical applications in interactive learning. This book reviews all aspects of interactive learning, investigates the history, status, and future trends of interactive learning, introduces emerging technologies for interactive learning, and analyzes interactive learning cases in various educational stages and learning situations. Readers interested in the technologies and pedagogical applications of interactive learning will find this book a comprehensive reference for the understanding of notions, theories, techniques, and methods related to the research and development of interactive learning.

Topics Covered:

- Interactive Digital Storytelling
- Interactive Learning and ICT
- Interactive Whiteboards
- Interface Design in E-Learning
- Learning Interaction with Narrative Activities
- Mobile Augmented Reality Technologies
- Pedagogical Agents
- Pedagogy for Interactive Learning
- Virtual Communities
- Web-Based Learning

ISBN: 9781466601376; © 2012; 342 pp.

Print: US \$175.00 | Perpetual: US \$265.00 | Print + Perpetual: US \$350.00

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.

Jiyou Jia is an Associate Professor at Department of Educational Technology, Graduate School of Education, and Director, International Research Center for Education and Information, Peking University, China. He got his B. S. and M. Edu. from Peking University, and Ph.D. from University of Augsburg, Germany. He was a visiting scholar to Free University Berlin and KAIST, Korea. His research interests include educational technology and artificial intelligence in education. He has published more than 60 articles in international and national journals and peer reviewed conferences, and authored/edited four books. He has been responsible for or taken part in more than ten national key projects and international projects with Germany, Korea, USA, and Canada. He serves as a member of the editorial board of three international journals and has been on the program committee of ten international conferences, and was invited to give speeches in a dozen of international or national conferences. He won the 20th IAAI (Innovative Application of Artificial Intelligence) Deployed Application Award by AAAI (Association of Advancement of Artificial Intelligence), USA, in 2008 and the Best Paper Award from the 15th Global Chinese Conference on Computers in Education in 2011.



www.igi-global.com

Publishing Academic Excellence
at the Pace of Technology Since 1988

Section 1: Theory of Interactive E-Learning

Chapter 1

Developing a Pedagogy for Interactive Learning
Cowan John (Edinburgh Napier University, UK)

Chapter 2

Web-Based Interactive Learning and the Effects of Learner Beliefs, Environmental Preferences, and Cognitive Loads
Yang Fang-Ying (National Taiwan Normal University, Taiwan)
Chang Cheng-Chieh (National Taiwan Normal University, Taiwan)

Chapter 3

Application of Social Presence Principles to CSCL Design for Quality Interactions
Yamada Masanori (Kanazawa University, Japan)
Goda Yoshiko (Kumamoto University, Japan)

Chapter 4

Importance of Interface Design in e-Learning Tools
Sedig Kamran (The University of Western Ontario, Canada)

Section 2: Emerging Technologies for Interactive E-Learning

Chapter 5

Emerging Technologies for Interactive Learning in the ICT Age
Luo Heng (Syracuse University, USA)
Lei Jing (Syracuse University, USA)

Chapter 6

Looking In, Looking Out:
Novak Daniel (The University of Washington – Seattle, USA)
Wang Minjuan (San Diego State University, USA)
Callaghan Victor (Essex University, UK)

Chapter 7

Supporting Learners' Interaction by Means of Narrative Activities
Dettori Giuliana (Institute for Educational Technology (CNR), Italy)

Chapter 8

Pedagogical Agents and the Efficiency of Instructional Conditions in Educational Applications
Reategui Eliseo (Federal University of Rio Grande do Sul (UFRGS), Brazil)
Araújo dos Santos Leila Maria (Federal University of Santa Maria (UFSM), Brazil)
Tarouco Liane (Federal University of Rio Grande do Sul (UFRGS), Brazil)

Section 3: Interactive Learning in Preschool and School Education

Chapter 9

An Inquiry into Young Children's Multimodal Media Practices
Cheng An Chih (DePaul University, USA)

Chapter 10

Learning in the Primary School Classroom using the Interactive Whiteboard
Maher Damian (University of Technology, Sydney (UTS), Australia)

Chapter 11

Sustained Learning in 4th and 5th Graders but not 7th Graders:
Mann Bruce L. (Memorial University, Canada)
Schulz Henry (Memorial University, Canada)
Cui Jianping (Bow Valley College, Canada)
Adams Shannon (Brother Rice High School, Canada)

Chapter 12

The Study of the Relationship among Learner-Content Interaction, Learning Performance, and Learner Satisfaction in a Blended Learning English Class in a Rural High School
Jia Jiyong (Peking University, China)
Ding Zhuhui (Peking University, China)
Chen Yuhao (Peking University, China)
Cui Xuemei (No. 1 High School of Huojia County, China)

Chapter 13

The Effects of Cyberbullying on Children's School Adjustment
Betts Lucy R. (Nottingham Trent University, UK)
Houston James E. (Nottingham Trent University, UK)

Chapter 14

Interactive Digital Storytelling for Children's Education
Carrozzino Marcello (Scuola Superiore Sant'Anna, Italy)
Evangelista Chiara (Scuola Superiore Sant'Anna, Italy)
Neri Veronica (Scuola Superiore Sant'Anna, Italy)
Bergamasco Massimo (Scuola Superiore Sant'Anna, Italy)

Section 4: Interactive Learning in Higher Education

Chapter 15

Interactive Learning of Recursion
Pérez-Carrasco Antonio (Universidad Rey Juan Carlos, Spain)
Velázquez-Iturbide J. Ángel (Universidad Rey Juan Carlos, Spain)

Chapter 16

Understanding the Effects of University Students' Interaction on Online Learning Continuance Intention
Huang Rui-Ting (Chung Yuan Christian University, Taiwan)
Jang Syh-Jong (Chung Yuan Christian University, Taiwan)

Chapter 17

Evaluating Knowledge Sharing Factors based on Web-Based Learning
Huang Hsiu-Mei (National Taichung National Taichung University of Science and Technology, Taiwan)
Liaw Shu-Sheng (China Medical University, Taiwan)
Uden Lorna (Staffordshire University, UK)

Chapter 18

Second Language Strategic Interactions Using Emerging Technologies and Experiential Learning
deHaan Jonathan (University of Shizuoka, Japan)
Johnson Neil H. (Neil H. Johnson, Kanda University of International Studies, Japan)

Chapter 19

Interactive Learning in Virtual Communities:
Bodea Constanta-Nicoleta (Academy of Economic Studies, Romania)
Bodea Vasile (Academy of Economic Studies, Romania)
Roşca Ion G. (Academy of Economic Studies, Romania)
Mogos Radu Ioan (Academy of Economic Studies, Romania)

Chapter 20

Pleasant Learning Experiences:
Garcia-Panella Oscar (Ramon Llull University, Spain)
Badia-Corróns Anna (Ramon Llull University, Spain)
Labrador-Ruiz Emiliano (Ramon Llull University, Spain)
Fonseca-Escudero David (Ramon Llull University, Spain)

Section 5: Interactive Learning in Vocational Education, Distance Education, Special Education, and Workplace Training

Chapter 21

Task-Based Learning with Interactive ESP Courseware Integration in Higher Vocational Education
Tsai Shu-Chiao (National Kaohsiung University of Applied Sciences, Taiwan)

Chapter 22

Four Types of Interaction to Overcome Challenges of E-Learning Solutions
Glick Danny (Ben-Gurion University, Israel & Edusoft Ltd., Israel)
Davidson Tania (Edusoft Ltd., Israel)

Chapter 23

3D Virtual Classroom Simulations for Supporting School Teachers' Continuing Professional Development
Sampson Demetrios G (University of Piraeus, Greece & Centre for Research and Technology Hellas (CERTH), Greece)
Kallonis Pavlos (University of Piraeus, Greece & Centre for Research and Technology Hellas (CERTH), Greece)

Chapter 24

Online Learning Community:
Sari Eunice (Edith Cowan University, Australia)
Lim Cher Ping (Hong Kong Institute of Education, Hong Kong)

Chapter 25

Digital Audio for Asynchronous Interactive Learning at an English University

Hawkrigde David (University of Leicester, UK)

Armellini Alejandro (University of Leicester, UK)

Nie Ming (University of Leicester, UK)

Rodríguez Brenda Cecilia Padilla (University of Leicester, UK)

Witthaus Gabi (University of Leicester, UK)

Chapter 26

Planning for Implementing Assistive Technology:

Kolb Sharon M. (University of Wisconsin – Whitewater, USA)

Griffith Amy C. Stevens (University of Wisconsin – Whitewater, USA)

Chapter 27

Interactive Learning in Workplace Training

Somyürek Sibel (Gazi University, Turkey)

Order Your Copy Today!

Name: _____

Organization: _____

Address: _____

City, State, Zip: _____

Country: _____

Tel: _____

Fax: _____

E-mail: _____

☐ Enclosed is check payable to IGI Global in
US Dollars, drawn on a US-based bank

☐ Credit Card ☐ Mastercard ☐ Visa ☐ Am. Express

3 or 4 Digit Security Code: _____

Name on Card: _____

Account #: _____

Expiration Date: _____