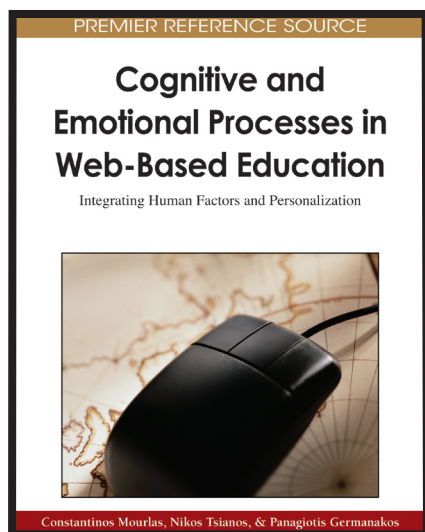


New Release

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**Cognitive and Emotional Processes in Web-Based Education:  
Integrating Human Factors and Personalization**

**Edited by: Constantinos Mourlas, Nikos Tsianos, and Panagiotis Germanakos, National & Kapodistrian University of Athens, Greece**

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**"This book is focused upon understanding cognitive, emotional and social processes of learners, in order to propose and construct web-based learning environments that adapt on these characteristics, or at least provide a considerable degree of flexibility."**

**- Constantinos Mourlas, National & Kapodistrian University of Athens, Greece**

A preliminary classification of individual characteristics that affect the outcome of learning procedures is the distinction between cognitive and emotional parameters. This covers a wide spectrum of human factors and comprises a very important research area in Web-based learning.

**Cognitive and Emotional Processes in Web-Based Education: Integrating Human Factors and Personalization** enhances the effectiveness of Web-based learning by incorporating cognitive and emotional human factors into adaptive hypermedia applications. This book covers a large number of topics in the area of human individuality that will be of importance to researchers, academicians, and practitioners in the areas of e-learning and education.

**Subject:**

IT Education; Cognitive Informatics; Multimedia Technologies; Human Aspects of Technology

**Market:**

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# Cognitive and Emotional Processes in Web-Based Education: Integrating Human Factors and Personalization

Edited by: Constantinos Mourlas, Nikos Tsianos, and Panagiotis Germanakos, National & Kapodistrian University of Athens, Greece

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## About the Editors:

**Costas Mourlas** is an assistant professor in the National and Kapodistrian University of Athens (Greece), Department of Communication and Media Studies since 2002. He obtained his PhD from the Department of Informatics, University of Athens (1995) and graduated from the University of Crete (1988) with a diploma in computer science. In 1998, he was an ERCIM fellow for post-doctoral studies through research in STFC (UK). He was employed as Lecturer at the University of Cyprus, Department of Computer Science (1999 till 2002). His previous research work focused on distributed multimedia systems with adaptive behaviour, quality of service issues, streaming media and the Internet. His current main research interest is in the Design and the Development of Intelligent environments that provide adaptive and personalized context to the users according to their preferences, cognitive characteristics and emotional state. He has several publications including edited books, chapters, articles in journals and conference contributions. Dr. C. Mourlas has taught various undergraduate as well as postgraduate courses in the Dept. of Computer Science of the University of Cyprus and the Dept. of Communication and Media Studies of the University of Athens. Furthermore, he has coordinated and actively participated in numerous national and EU funded projects.

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