Call for Chapters

The International Handbook of Smart Education

As education moves into the 21st century, countries need to prepare their citizens to function so that they can be productive to contribute in the competitive world. The best strategy to prepare the human resources for the 21st century world is to educate its citizens. However, the country system must educate its citizens at a high level so that they can be innovative and creative. Educational systems must be smart using interactive learning technologies and innovative pedagogy to provide quality education in a short amount of time as possible. The smart education system must cater for individual differences, develop high level skills, encourage creativity, and teach students how to function in a world where information is changing on a constant basis. The purpose of this *International Handbook of Smart Education* is to provide educators with the knowledge and skills required for smart education. The potential publisher of the Handbook is World Scientific Publisher.

Definition of Smart Education

"The essence of smart education is to create intelligent environments by using smart technologies, so that smart pedagogy can be facilitated to provide personalized learning services and empower learners to develop talents of wisdom that have better value orientation and higher thinking quality that lead to innovation and creativity to benefit society. " (Zhu & Ally, 2015)

Authors are invited to submit chapters that cover a variety of fields related to smart education. Some themes are suggested below but you are not limited by the themes listed. We invite contributions from researchers, practitioners, psychologists, professors, teachers, trainers, and administrators. Please submit a one page outline of the chapter you would like to write for the handbook.

Suggested Themes of the Chapters

Possible areas to be addressed by the chapters include but are not limited to the following.

- What is smart education? (The concept of smart education, the principles of smart education, etc.)
- Role of technology in smart education (Ubiquitous learning resources, etc.)
- Providing support in smart education
- Designing smart education
- Leadership in smart education
- What is smart learning?
- The smart university (School cloud computing system, MOOC, inter-universities courses, shared/open resources across universities, etc.)
- Role of the teacher in smart education (Pedagogies in smart education, etc.)
- Role of the student in smart education (Learners' characteristics in smart education, digital learning power, etc.)
- Strategic planning for smart education
- Historical perspectives of smart education
- Philosophical perspectives of smart education
- Theoretical foundations for smart education
- A model for developing smart education
- Evaluation of smart learning (Comprehensive evaluations, etc)

- Learner support in smart education
- Learner interaction in smart education
- Distributed smart learning
- Strategies for transition to smart education
- Managing smart education implementation (Learning opportunities management, etc.)
- Emerging technologies/pedagogies for smart education (Maker education, seamless learning, gamification, inquire-based learning, etc.)
- Standards for developing smart education (The standards and assessments for the smart education system, etc.)
- Preparing faculty and learners for smart education (Standards for teachers' capacities in smart education, professional developments and assessment, etc.)
- Policy and Practice in smart education
- Smart education best practices around the world
- Future of smart education
- Other topics related to smart education

Important Completion Dates

- Submission of abstract – April 15th, 2015
- Submission of full chapter – August 15th, 2015
- Feedback from chapter reviewers – October 15th , 2015
- Submission of revised chapter – November 15th, 2015
- Submit book manuscript to publisher – Jan 31st , 2016
- Expected publication date – June 30th, 2016

The length of the chapter should be between 4,000 and 5,000 words.

Please email your abstract to Dr. Yanyan Sun at "yysun@dec.ecnu.edu.cn" by April 15th, 2015.

Author's Guidelines

Please refer to "Book Style Files" on the World Scientific Publisher website
(http://www.worldscientific.com/page/authors/book-stylefiles) for the style of your chapter.

Editors of International Handbook of Smart Education

Professor Zhu Zhiting
Dean, School of Open Learning and Education
Acting Vice-Director
Shanghai Engineering Research Center for Digital Education Equipment
East China Normal University
Shanghai, China

Professor Mohamed Ally
Centre for Distance Education
Researcher, Technology Enhanced Knowledge Research Institute
Athabasca University
Canada

Dr. Yonghe Wu
School of Open Learning and Education
Shanghai Engineering Research Center for Digital Education Equipment
East China Normal University
Shanghai, China

Dr. Yanyan Sun
Shanghai Engineering Research Center for Digital Education Equipment
East China Normal University
Shanghai, China