



**GCCSE**

## Global Chinese Conference on Science Education 2010

The first Global Chinese Conference on Science Education provides opportunities for teachers, educators, scholars and researchers around the globe who are interested in science education in the Chinese communities to discuss and share ideas, practices and recent development in science education. The theme of the conference is “Connecting science education to the contemporary world”.

The conference focuses on research and development of science curriculum, teaching and assessment practices in primary, secondary and tertiary science education. We anticipate to involve science educators and school science teachers from different parts of the world (e.g. Mainland, Taiwan, Macau, Singapore, Europe, the USA & Hong Kong) to exchange research work and best practices. There will be workshops and seminars for sharing of concerns and experiences in the learning, teaching and assessment of science, which are relevant to the needs and development of the science education community around the world. In order to facilitate sharing and communication in the conference, presentations in English, Putonghua and Cantonese are welcomed.

**20-21 December 2010**

The Hong Kong Institute of Education  
10 Lo Ping Road, Tai Po  
New Territories, Hong Kong

Email: gccse@ied.edu.hk

**Organizer:**

Department of Science and Environmental Studies, HKIEd

**Co-Organizers:**

National Association for Science Education (CNASE), the Chinese Society of Education

Chief Executive's Award for Teaching Excellence Teachers Association

Faculty of Education, The Chinese University of Hong Kong

Faculty of Education, The University of Hong Kong

Hong Kong Association for Science and Mathematics Education

Hong Kong Education City Limited

Hong Kong Educational Research Association

School of Science, The Hong Kong University of Science and Technology

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## **Conference Theme**

### **Connecting science education to the contemporary world**

#### **Sub-themes:**

#### **1. Integrating Science with other areas of learning**

- Environmental Education, Liberal Studies, General Studies, Energy Technology & Environment, Health Studies, Science, Technology and Society (STS), Science, Technology, Engineering and Mathematics (STEM), etc.

#### **2. ICT in Science Education**

- Computer-mediated experimentation, computer simulation, technology-enhanced learning, interactive multimedia, mobile learning, and e-learning.

#### **3. Learning and Teaching Science**

- a. At Elementary Level (including General Studies)
- b. At Secondary Level (including Liberal Studies)
- c. At Tertiary Level

- Instructional methods, learning theories, strategies, content knowledge, pedagogical knowledge and pedagogical content knowledge.

#### **4. Development of Science Curriculum**

- Curriculum development, reform, implementation and dissemination.

#### **5. Evaluation and Assessment of Student Learning and Development**

- Standardized test, achievement test, high stakes test and other different types of assessment for measurement of science understanding.
- Assessment for learning, formative assessment, peer and self assessment.

#### **6. Teacher Education/Professional Development for Teachers**

- Pre-/In-service science teacher education, continuing professional development and other issues and policies related to pre-/in-service teacher education.

#### **7. Historical, Philosophical, Social, Cultural, and Gender Issues**

- History, philosophy and sociology of science, equity and diversity issues: sociocultural, multicultural, bilingual, racial/ethnic, gender equity students and science education for the special needs and gifted.

#### **8. Science Education in Life-wide/Authentic/Informal Contexts**

- Science programs and experiences that are organized by institutions and organizations outside classroom.
- Field trips and field-based learning of science.

#### **Important Dates**

Abstract submission: By 30<sup>th</sup> June 2010

Notice of Acceptance: By the end of July 2010

Early Bird Registration: By the 15<sup>th</sup> September 2010

Registration deadline: By the 31<sup>st</sup> October 2010

#### **Venue**

The Hong Kong Institute of Education, Hong Kong SAR

#### **Language**

English/Putonghua/Cantonese