



## Call for Papers

### Special Issue on “The psychology of science learning among the students in Asia-Pacific countries” for the journal of *The Asia-Pacific Education Researcher* (indexed in SSCI)

Results from some international science achievement tests, such as the TIMSS, have repeatedly shown that students from some Asia-Pacific countries outperform those from other continents for the past decades. Given that the enhancement of students’ scientific literacy enormously contributes to the development of modern society, the Asian students’ advantage in science learning deserves more attention to shed light on the improvement of science education for building a better society. However, the international comparative science assessment also has indicated that some Asia countries are among the low performing countries. More research is necessary to explore the possible role of psychological processes in low science achievement in these countries.

The aim of this special issue is to cover various aspects of science learning in Asia-Pacific countries. In recent years, there is a considerable increase in the number and quality of studies on Asia-Pacific students’ science learning. Through empirical evidence, this special issue hopes to highlight the psychology of science learning in light of Asian cultural and contextual backgrounds, and to reflect the current development of science education in Asian-Pacific countries.

This special issue welcomes original ideas, along with empirical validation in the following topics:

- Comparative studies on science learning across different countries
- Asia-Pacific students’ learning beliefs toward science
- Asia-Pacific students’ epistemologies toward science
- Asia-Pacific students’ cognitive and motivational strategies of science learning
- Asia-Pacific students’ mental models or conceptual development in science
- Asia-Pacific students’ higher-level thinking and understanding in science
- Technology-enhanced science learning
- Socio-cultural factors in science learning among Asia-Pacific students
- Language and science learning

Potential authors are invited to submit to an expression of interest through email to Prof. Chin-Chung Tsai ([cctsai@mail.ntust.edu.tw](mailto:cctsai@mail.ntust.edu.tw)) attached with an abstract around 500 words in length. The timeline for this special issue are as follow:

15 <sup>th</sup> July 2009	Issue invitations to potential authors
10 <sup>th</sup> November 2009	Abstracts received from potential authors
10 <sup>th</sup> December 2009	The decisions for the abstracts sent to the authors
1 <sup>st</sup> March 2010	Full paper to be received from authors
1 <sup>st</sup> June 2010	Notice of editorial decision
1 <sup>st</sup> October 2010	Final submission of revised papers
March 2011	Special issue published

The special issue includes both full length (6,000 to 8,000 words) articles and short reports (<4,000 words). Please indicate your intention with regards to this. All articles will be peer-reviewed.

*\*The Asia-Pacific Education Researcher* is indexed and abstracted in the Social Sciences Citation Index, Social Science search, and Journal Citation Reports/Social Science Edition. The journal is published by De La Salle University, Manila, Philippines. Prof. Allan B. I. Bernardo is Editor of the journal, and Prof. Chin-Chung Tsai is the Guest Editor of the special issue.

**Any inquiry about this special issue, please contact Prof. Chin-Chung Tsai.**  
**Prof. Chin-Chung Tsai's website: [www.cctsai.net](http://www.cctsai.net)**