

PATT sessions National Harbour, DC, 2016

CoRe development for technology teachers PCK – Wednesday, 3/2 at 8am in Presidential Boardroom

This presentation will report some initial findings on technology teacher's use of Content Representations (CoRe's) through their planning, implementation and revision of the CoRe structure.

Presenter: John Williams (Australia)

Technology and Engineering in the Integrative STEM Education: A Systematic Literature Review and Synthesis in South Korea - Wednesday, 3/2 at 4pm in Annapolis 1-2

This study investigated research trends and issues of the integrative STEM education studies in South Korea.

Presenter: Hyuksoo Kwon and Euisuk Sung (South Korea)

Concept Learning by Design Challenges –Thursday, 3/3 at 8am in Maryland 3

Previous research shows that using the context of design challenges seems to be a suitable approach for concept learning. This session discusses the learning by design approach and presents new research on that.

Presenter: Dave H.J. van Breukelen and Frank A. Schure (Netherlands)

New International Handbook of Technology Education (Springer): The Making Of - Thursday, 3/3 at 2pm in Eastern Shore 2

In this presentation the rationale for a the first International Handbook of Technology Education, to be published by Springer, will be highlighted. The proposal has already been accepted and the Handbook is due to appear in early 2017.

Presenter: Marc J. de Vries (the Netherlands)