

School of Education and Lifelong Learning Seminar Series 2011-2012

Transcending the disciplinary boundaries of Experiential Learning: The case of mathematics and science

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Learning theories in general have moved from reductionist onto cognitive, more humanistic, socio cultural and transformative views. Have we reached the disciplinary boundaries of modeling and researching learning? In the digital age, are there modes via which experience can be more directly and organically captured, studied and transformed with implications for teachers and learners? In this talk, I will present some ongoing research from mathematical models and modeling, and interdisciplinary initiatives at the nexus of math-arts-sciences that move beyond dogmatic paradigms of mathematical thinking and learning, learning in general, and offer the possibilities of transcending existing boundaries.



<http://www.umt.edu/math/people/sriraman.html>

