UNIVERSITY OF SOUTH FLORIDA

Major Research Area Paper Presentation

10 Challenges Facing Cyberlearning
by
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For the Ph.D. degree in Computer Science & Engineering

Software that augments education and extends its reach to anyone with an internet connection has become almost ubiquitous in recent years. A critical demand of cyberlearning systems is evident, but often engineering best practices are not applied in hasty development, and students suffer. There are a number of challenges that must be addressed before effective solutions can be offered and integrated into our current educational paradigm. While solutions for teaching to large classes exist, scalable solutions for assessment are severely lacking. This presentation details ten major challenges facing cyberlearning, several educational data mining approaches towards solving them, and finally, a novel approach of crowd-sourcing peer review and an expert system derived through intelligent data combing as first steps towards meeting this need.

Friday, November 17
2:15pm
ENB 313

THE PUBLIC IS INVITED

<u>Examining Committee</u>
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