

Enhancing Educational Landscapes: Harnessing AI For...

Friday, September 6, 2024 1:30pm to 2:30pm

I'm Interested

Shahin Vassigh, Ph.D.

Professor, Architecture
Director, Robotics and Digital
Fabrications Lab
Florida International University

Enhancing Educational Landscapes:
Harnessing AI for Immersive and Adaptive
Learning Environments

September 6 1:30 - 2:30 PM
Shahin Dr. Fayetteville, AR 72704
LIVE IN PERSON (VIDEO AVAILABLE)

Institute for Integrative &
Innovative Research
FALL 2024
SPEAKER SERIES



ABOUT THIS EVENT

Institute for Integrative and Innovative Research at the University of Arkansas, SHLH 159 (Shiloh Training Room)

481 S. Shiloh Dr Fayetteville, AR 72704

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Add to calendar

Join us for the first fall speaker series event with Shahin Vassigh, Ph.D., Professor of Architecture and Director of the Robotics and Fabrications Lab at Florida International University. Dr. Vassigh will present findings from an ongoing study in her presentation, "Enhancing Educational Landscapes: Harnessing AI for Immersive and Adaptive Learning Environments."

This event is sponsored by the Institute for Integrative and Innovative Research (I³R).

To join via Zoom remotely: <https://uark.zoom.us/j/85268550293?pwd=1W5H5FUbF2mlp5PLg3eHLlbrtTibJg.1>

Contact i3rcomm@uark.edu with questions.

Summary:

Personalized learning, which customizes content and instructional sequences to account for differences in ability, experience, and sociocultural backgrounds, holds great promise for transforming education. This transformation is increasingly driven by significant advancements in Artificial Intelligence (AI). AI enables detailed analysis and reporting of learners' performance data, paving the way for the development of intelligent adaptive learning systems that offer personalized feedback aligned with each learner's unique needs and progress.

In parallel, immersive technologies are playing a pivotal role in enhancing educational experiences. Technologies such as Virtual Reality (VR) and Augmented Reality (AR) create engaging, interactive environments that deepen learners' understanding and retention of complex concepts. Dr. Vassigh's presentation explores the integration of AI and VR in education, illustrated through a case study from an ongoing project. The talk will highlight the refinement of learning processes through these technologies and demonstrate how they can impact learner engagement and performance.

EVENT DETAILS

EVENT TYPE

Lectures

TAGS

EDUCATION LECTURE

FUTURE LEARNING AI

ARTIFICIAL INTELLIGENCE

LEARNING EXPERIENCE

WEBSITE

<http://i3r.uark.edu>