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[Enhancing Educational Landscapes: Harnessing AI for Immersive and Adaptive Learning Environments](#)

## Enhancing Educational Landscapes: Harnessing AI For...

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

 Shahin Vassigh, Ph.D.  
Professor, Architecture  
College of Architecture  
Florida International University  
Enhancing Educational Landscapes:  
Harnessing AI for Immersive and Adaptive  
Learning Environments

 September 6 1:30 - 2:30 PM  
Enhancing Educational Landscapes:  
Harnessing AI for Immersive and Adaptive  
Learning Environments  
ONLINE (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)

 Add to calendar  


481 S. Shiloh Dr Fayetteville, AR 72704

 <http://i3r.uark.edu> #SolvingWickedProblems

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 (I<sup>3</sup>R).

To join via Zoom remotely: <https://uark.zoom.us/j/85268550293?pwd=1WfSHFUbF2mIp5PLg3eHLbrtTbJg.1>

Contact [i3rcomm@uark.edu](mailto: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	TAGS	WEBSITE
Lectures	EDUCATION LECTURE	<a href="http://i3r.uark.edu">http://i3r.uark.edu</a>
	FUTURE LEARNING AI	
	ARTIFICIAL INTELLEGENCE	
	LEARNING EXPERIENCE	