SEMINAR SERIES

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BEYOND FIGURES AND GRAPHS: INTEGRATING COMPUTER GRAPHICS INTO YOUR RESEARCH PIPELINE

Featuring Dr. Brian Ricks

University of Nebraska at Omaha

March 12th, 2021 | 12:00 - 1:00 pm

Zoom Link: https://unomaha.zoom.us/j/93152346317

ABOUT DR. RICKS

Dr. Brian Ricks' research focuses on agent-based modeling and simulation in computer graphics. He is an assistant professor in the CS department at UNO. Dr. Ricks' emphasizes collaborative work—past and current collaborators include NFL and NBA teams, the Port Authority of New York and New Jersey, faculty across the Nebraska system (UNO, UNL, and UNMC), faculty at Brigham Young University (where he received his PhD), and Rutgers University (where he was a Post-Doctoral Assistant). Dr. Ricks has published in a variety of CS journals and his work is funded by multiple NSF grants. Dr. Ricks is a native of California, is fluent in Italian, and has five children.

ABSTRACT

We at use figures and graphs when we author research, but computer graphics can be a powerful tool in every step of your research pipeline. This talk will cover a brief history of computer graphics, highlight examples of how computer graphics have enhanced Dr. Ricks' collaborative research, and then lead to a discussion about how computer graphics can enhance your research. There will also be a summary of user-friendly computer graphics tools available for those with and without a coding background. Attendees are free to come prepared with questions about how computer graphics can enhance their specific research questions.

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