

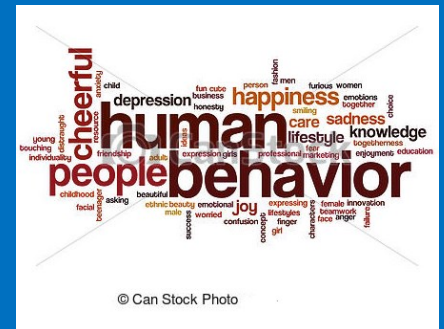
C-RISE Tutorial Series

Introduction to Human Behavior Representation

The Centre for Risk, Integrity and Safety Engineering (C-RISE) offers tutorials on topics related to safety, risk and reliability engineering.

Summary:

Human behavior modeling (HBM) is an interdisciplinary field that aims at developing models that reflect or (ideally) replicate real human behavior. HBM has its roots in military training which involves populating simulated battlefields with simulated humans and human-controlled vehicles. Its potential for wide range of applications was soon realized leading to fundamental changes in simulator training. This tutorial provides a brief introduction to human behavior modeling including its definition, motivation behind it, and some modeling techniques.



Facilitator: *Dr. Mashrura Musharraf is a Postdoctoral fellow at Memorial and is currently working with the Safety at Sea group. Her background is in Computer Science and Engineering. She has done both her Masters and PhD at Memorial, focusing on a challenging interdisciplinary research area that investigates the application of different data mining and machine learning techniques to improve safety at sea. One outcome of her research is artificial intelligent agents to facilitate team training in simulators. The human behavior representation serves as the backbone of the AI agents and will be the focus of the tutorial.*

When: Thursday, January 24, 2019, 5:00 PM

Where: EN4000 - Engineering Faculty Lounge, refreshments will be served!

RSVP requested by: Wednesday, January 23, 2019 to the program coordinators (nling@mun.ca) or (m.talebberrouane@mun.ca).

All are welcome to attend