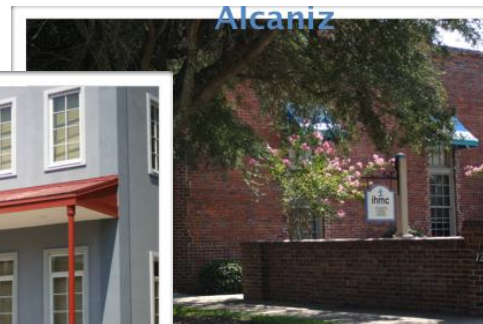




Who we are

- Florida Institute for Human and Machine Cognition (IHMC)
 - A not-for-profit, university affiliated research institute
- Pls: Jeff Bradshaw, Marco Carvalho
 - James Allen, Tom Eskridge, Paul Feltovich, Pat Hayes, Robert Hoffman
- Current Team Members
 - In progress





VW Research Interests

- Representation and reasoning about behavioral indicators as context-dependent policies
 - Indicators are ontological concepts
 - Instantiation of indicators are culturally and contextually dependent
- Learning/adapting identification of behavioral indicators based on behavior of VW agents
 - Identifies predictable states based on agent past behavior
 - Enables construction of new indicators based on earlier ones
- Identifying power-basis/chains of influence based on *changes* in behavioral indicators of VW agents
 - Constructs a causal chain that identifies the power-basis of a group
 - Allows driving group behavior by influencing only the power-basis



IHMC Capabilities

- Reasoning and representation about
 - time, space, and joint human-agent activity
 - as driven by social, organizational, environmental, and cultural considerations
- Reasoning and representation of dialogue and collaborative problem-solving
- Difficult problem solving and group cognition
- Graphical Network Structures for Power-basis Analysis
- Basic, applied, and advanced sponsored research experience
 - Intelligence, Defense, Space and Industry
 - KAoS, TRIPS, PLOW, COE



Teaming Opportunities

- We provide infrastructure for
 - Representing and monitoring human/sw agent/environment actions and interactions
 - Representing and reasoning with history including time and space
 - Analyzing individual/group behavior to induce behavioral leverage points
- We will team with groups that have expertise in
 - VW modeling
 - Intelligence Domain



Contact Information

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