Artificial Intelligence

- Georgetown Experiment – 1954
1966: the failure of machine translation

1970: the abandonment of connectionism

1971–75: DARPA's frustration with the Speech Understanding Research program at Carnegie Mellon University

1973: the large decrease in AI research in the United Kingdom in response to the Lighthill Report

1973–74: DARPA's cutbacks to academic AI research in general

1987: the collapse of the Lisp machine market

1988: the cancellation of new spending on AI by the Strategic Computing Initiative
Artificial Intelligence

- Limited domains
- Tightly scripted responses
Narrative

STORY MAT
Narrative Intelligence

- Art, psychology, cultural studies, literary studies, drama
- Aristotelian dramatic theory: spectacle, song, diction, thought, character and plot
- Narrative agents, interactive agents, storytelling systems
Games
Interactive Drama

Gianna Parasini: Allow me to reintroduce myself, Parasini, Noveria Internal Affairs.

Why are you here?

What do you want?

I don't have time for this.
Interactive Drama

- Theatre
- Films
- Participatory art
Drama and narrative

- Drama = Character + Story + Presentation
- Drama(narrative)
- Interactive drama(develop narrative)
Believable agents

- Personality, emotion, self-motivation, change, social relationships, illusion of life
- Classical AI = mind, behavioral AI = person
Agents

- Embodied?
- Environmentally influenced
- Complex
- Visual?
Scripting

- Conversational agents
- Branching
Façade
Discussion

- In MMOS, especially MMORPGs, many individual participants create an interactive drama. Given such environments, is there a place for AI-driven interactive drama?

- Given how long it takes to author such a short game, is it worthwhile?
  - Can you think of ways to reduce authoring time?

- Attempts at choose-your-own path movies have been unsuccessful. Could interactive drama of this type be used to somehow make something better?

- How would interactive drama work with non-self-absorbed characters?

- Where, aside from games, could these ideas be applied?