Engineering Leadership in the Age of AI
- Areas Covered in 6.S976 Course -

Engineering Leadership Principles

- Strategic vision
- External relationships
- Internal execution
- Recruiting / mentoring AI talent
- Technical depth and breadth
- Ethics in AI

Invited Speakers and Panel Discussions

AI Architecture

Human-Machine Augmentation
Confidence Level vs. Consequence of Actions

Confidence in the Machine Making the Decision

Low

Best Matched to Machines

Machines Augmenting Humans

Best Matched to Humans

Low

Consequence of Actions

High

Project-based Conceptual Design

Modern Computing

Robust AI

System Engineering Approach

Data Conditioning

Machine-Learning

Human-Machine Teaming