

IEEE CIS Pre-College Activities

Videos selected from

<https://ieeetv.ieee.org/channels/computational-intelligence?tab=playlists>

Title

Selected Videos

Fun and Games with Artificial Intelligence: David B. Fogel
Deep Learning and the Representation of Natural Data - See more at: <https://ieeetv.ieee.org/channels/computational-intelligence?tab=playlists>
Evolutionary Computation - A Technology Inspired by Nature - See more at: <https://ieeetv.ieee.org/channels/computational-intelligence?tab=playlists>
Artificial Neural Networks, Intro
The Hertzprung-Russell Diagram: Introduction to Fuzzy Logic - See more at: <https://ieeetv.ieee.org/channels/computational-intelligence?tab=playlists>
The Sorites Paradox: Introduction to Fuzzy Logic

Webinars

Intelligent Systems for Deep Space Exploration: Solutions and Challenges - F. Rossi
Mathematical Evolution of Human Behaviors - Osama Salah Eldin

Keynote Talks

Artificial Evolution: From Digital to Physical
How to Get Real Benefits from Real Intelligence in the Grid
Interaction and Experience in Enactive Intelligence and Humanoid Robotics

Evolutionary Computation

Evolutionary Computation - A Technology Inspired by Nature
Blast from the past: Revisiting Evolutionary Strategies for the Design of Engineering Systems
Artificial Evolution: From Digital to Physical

Artificial Neural Networks

Risto Miikkilainen - Multiagent Learning Through Neuroevolution
Neural Cognitive Robot: Learning, Memory and Intelligence
Emergent Neural Network in reinforcement learning
Deep Learning and the Representation of Natural Data
Artificial Neural Networks, Intro
Behind Artificial Neural Networks

Data Mining

Big Data and Analytics at Verizon

Fuzzy Logic

The Hertzprung-Russell Diagram: Introduction to Fuzzy Logic - See more at: <https://ieeetv.ieee.org/channels/computational-intelligence?tab=playlists>
The Sorites Paradox: Introduction to Fuzzy Logic

Computational Intelligence for Games

Fun and Games with Artificial Intelligence: David B. Fogel

Playing Games with Computational Intelligence

Applications

Blast from the past: Revisiting Evolutionary Strategies for the Design of Engi
Intelligent Systems for Deep Space Exploration: Solutions and Challenges - F
How to Get Real Benefits from Real Intelligence in the Grid
Computational Intelligence in (e)Healthcare - Challenges and Opportunit

Selected IEEE CIS Videos

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