# IOC Topic 5.2 - Introduction to Neural Networks (Video Links)

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Below I provide links to the videos in the slides.

**Slide 9:** <https://www.youtube.com/watch?v=yy994HpFudc> **Credit:** *Georgia Tech Neuro Lab*. This video shows real neurons firing.

**Slide 13:** <https://www.youtube.com/watch?v=52tpYl2tTqk> **Credit:** *Mathantics*. This video tries to explain functions in an intuitive way.

**Slide 19:** [<https://www.youtube.com/watch?v=rEDzUT3ymw4>](https://www.youtube.com/watch?v=rEDzUT3ymw4) **Credit:** *Samuel Arzt*. This video tries to explain neural networks in just 1 minute.

**Slide 39:** [<https://www.youtube.com/watch?v=6M5VXKLf4D4>](https://www.youtube.com/watch?v=6M5VXKLf4D4) **Credit:** *Simplilearn*. This video explains deep learning in just 5 minutes.

**Slide 40:** <https://www.youtube.com/watch?v=kSLJriaOumA> **Credit:** *Nvidia*. This video shows real-world neural network performance.

**Slide 43:** <https://www.youtube.com/playlist?list=PLgcwDw9tMf6gmk0kTvAE0FlZs1S09zJnE> **Credit:** *Welch Labs*. A playlist of neural network tutorials.