**Lecture 10 poll**

**Slide 13:**

According to Hubel and Wiesel which type of cells found patterns in the input and which cells “cleaned” up these patterns?

* S cells find patterns and C cells clean them up
* C cells find patterns and S cells clean them up

**Slide 23:**

Fukushima’s model is an unsupervised CNN, true or false

* True
* False

Supervision can be added to Fukushima’s model, true or false

* True
* False

**Slide 105**

The fully convolutional neural net is identical to a scanning MLP with distributed representation: true or false

* True
* False

The convolutional neural network is a shift-invariant pattern detector, true or false

* True
* False

**Slide 133**

What is the relationship between the number of channels in the output of a convolutional layer and the number of neurons in the corresponding layer of a scanning MLP

* They are the same
* The two are not related.