Practical introduction to Neural Networks using Brainstorm

Within the last few years Neural Networks have suddenly risen to the dominant machine learning technique in many important domains. Even in Natural Language Processing they are becoming increasingly popular, and among others achieve state of the art in statistical machine translation. This talk will give a brief introduction into how Neural Networks work, and how they are applied to all kinds of problems. As much as possible I'll try to demystify them and build an intuition about how they can be applied. After that we'll see how you can easily apply neural networks yourself using a new python library called Brainstorm.