

Techniques to record neuronal data from populations of neurons are rapidly improving. Simultaneous recordings from hundreds of channels are possible while animals perform complex tasks. The analysis of such massive and complex data becomes increasingly challenging. This advanced course aims at providing deeper training in state-of-the-art analysis approaches in systems neuroscience. The course provides lectures on advanced techniques in data analytics and data mining methods accompanied with hands-on experience in the analysis of electrophysiological data. Participants will define and perform their own analyses on provided data to solve a challenge.

Faculty

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http://www.g-node.org/advanced-course/



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