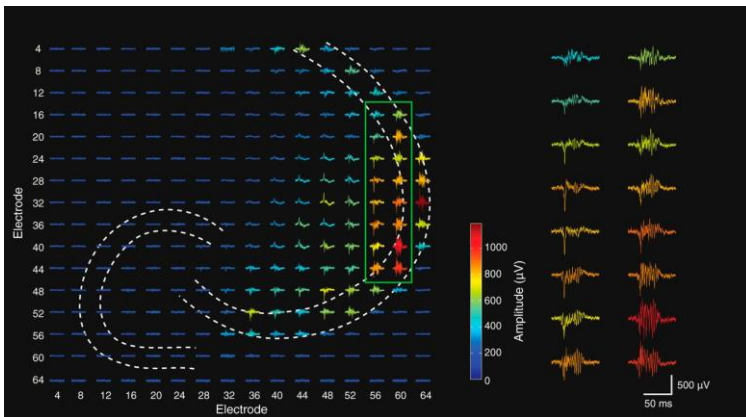


Wednesday 27 February 2019, 1pm-2pm
Aula G, Dipartimento di Medicina Molecolare e Traslazionale
Università degli Studi di Brescia

Neuronal Networks On CHIP

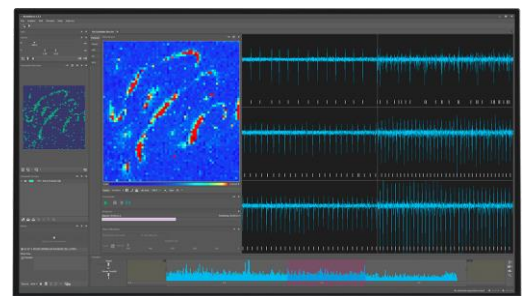
MEA technology is extensively used in neuroscience to investigate neuronal networks. Recent advancements open new intriguing perspectives.

3Brain's HD-MEA integrating thousands of electrodes will be presented together with their use in neuroscience and their potential in shedding new light on neuronal network physiology and pathology.



3Brain's team will show his advanced acquisition and analysis software tool designed to manage high-content e-physiology data sets. BrainWave makes real-time visualization and the data extraction of key metrics from HD-MEA chips easy.

Whether neurons, cardiac cells or human stem cells, 3Brain's technology opens new possibilities by enabling functional imaging assays, identification of network functional and dysfunctional states and precise evaluation of pharmacological responses.



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