SEMPARIS – Séminaires en région parisienne

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Seminaire exceptionnel

Mardi 30 Janvier 2018, 13 :30
LPTM, Maison internationale de la recherche, Neuville-sur-Oise.
Domaines : cond-mat.dis-nn

Titre : *Complex dynamics in neuromorphic circuits*

Orateur : **Roberto Livi (Universita di Firenze, Italy)**

Résumé : *Neural population made of inhibitory and excitatory units exhibit complex collective dynamics when they are organized according to suitable circuits. In particular, amplification and synchronization mechanisms may emerge as purely noise driven effects : These results disclose new perspectives in the design of neuromorphic circuits performing specific tasks, like, signal categorization and detection.*
