

125th WPI-IIIS Seminar & World-science Leaders' Seminar

The dreaming brain

Although dreams have interested mankind since the early ages, the mechanisms underlying their generation and their biological function remain unknown. With the recent development of neuroimaging and signal analysis techniques, researchers have started to unravel the cortical signatures of dreaming and to track dreaming in real time. In the present talk, I will outline phenomenological characteristics of dreams across different sleep stages, show how modern imaging techniques can be used to investigate dreaming and present pathological conditions associated with altered mental activity during sleep.



Dr. Francesca Siclari

Lausanne University Hospital

Date: **Friday, December 15, 2017**

Time: **13:30 – 14:00**

Venue: **1F Auditorium, IIIS Building**

Note: This seminar is held as part of WSLS series from Human Biology Program.



IIIS

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