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Type: **Keynote Lecture**

Architecture and function of spontaneous brain activity in health and pathology

Wednesday 11 September 2024 09:00 (1 hour)

I will argue that spontaneous brain activity plays a major role in brain function and behavior, and it does so in surprising and unexpected ways. While for more than hundred years we have focused on understanding cognition by studying the brain in action, I will argue that there are many lessons to learn by studying the brain at rest. Furthermore, the study of the brain at rest is fundamental to understand pathology since most neurological and psychiatric disorders are disorders of connectivity that we can study beautifully and conveniently by studying patterns of activity at rest.

Presenter: CORBETTA, Maurizio (Department of Neuroscience, University of Padova)

Session Classification: HIBALL Lecture