

## Functional mapping using cortical stimulation and HFOs

Abstract: Cortical stimulation at high frequency can be used in implanted epileptic patients to induce clinical symptoms and thereby identify eloquent areas. In this talk, I will discuss the possibility to map stimulation-triggered HFOs co-occurring with the symptoms in order to improve the identification of functional networks by going beyond the stimulated sites towards the connected regions. I will illustrate the proposed approach with language mapping.