

Vendredi **9 octobre** à 14h00
Local Soc 21

Imaging studies in behavioral addictions and alcohol addiction. (University of Amsterdam)

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Certain nonsubstance behaviors--such as gambling, Internet use and video-game playing --bear resemblance to alcohol and drug dependence. Growing evidence suggests that these behaviors warrant consideration as nonsubstance or "behavioral" addictions and has led to the inclusion of gambling disorder as the first behavioral addiction in the "Substance-Related and Addictive Disorders" category of the DSM-5. Other behavioral addictions have as of yet not been included, due to insufficient data to justify their inclusion.

I will discuss some of our studies investigating the neurocognitive functions in pathological gambling, 'gaming addiction' and alcohol dependence. We used a variety of behavioral tasks, MRI techniques and rTMS to investigate brain circuits and ways to manipulate these, resulting in a better understanding of the similarities and differences between addictive disorders, and potential candidates for treatment of "Substance-Related and Addictive Disorders".

Invitants: Olatz Lopez-Fernandez et Joël Billieux, Laboratory for Experimental Psychopathology (LEP)