

SEMINARIO / SEMINAR

Titolo / Title:

Exploiting Spared Actions and Neuromodulation for the Rehabilitation of Chronic Stroke Patients with Spatial Neglect



Quando / When:

12 Maggio 2022, ore 15:00 / 12th May 2022 at 15:00 CET

Dove / Where:

Online (Microsoft Teams)

[https://teams.microsoft.com/l/meetup-](https://teams.microsoft.com/l/meetup-join/19%3a0b724a844f004f47bbf9e6bfc4ccc1b8%40thread.tacv2/1649251804873?context=%7b%22Tid%22%3a%2241f8b7d0-9a21-415c-9c69-a67984f3d0de%22%2c%22Oid%22%3a%22f0a66cde-1f23-46ea-a18a-4b29cf7a6f9d%22%7d)

[join/19%3a0b724a844f004f47bbf9e6bfc4ccc1b8%40thread.tacv2/1649251804873?context=%7b%22Tid%22%3a%2241f8b7d0-9a21-415c-9c69-a67984f3d0de%22%2c%22Oid%22%3a%22f0a66cde-1f23-46ea-a18a-4b29cf7a6f9d%22%7d](https://teams.microsoft.com/l/meetup-join/19%3a0b724a844f004f47bbf9e6bfc4ccc1b8%40thread.tacv2/1649251804873?context=%7b%22Tid%22%3a%2241f8b7d0-9a21-415c-9c69-a67984f3d0de%22%2c%22Oid%22%3a%22f0a66cde-1f23-46ea-a18a-4b29cf7a6f9d%22%7d)

Relatore / Speaker:

Dr Monika Harvey, School of Psychology and Neuroscience, University of Glasgow, UK



Abstract: Up to 80% of people who experience a right-hemisphere stroke suffer from hemispatial neglect, a severe visuospatial impairment, where they fail to perceive/misperceive items presented in the contralesional part of space. This syndrome is debilitating, impedes rehabilitation, and is a strong independent predictor of poor recovery.

In my talk I will present data showing that immediate on-line actions are relatively unimpaired in these neglect patients. Building on this insight, I will discuss two recent rehabilitation studies where we assessed whether these spared actions could be exploited for neglect rehabilitation a) via behavioural visuomotor feedback training or b) in a clinical trial using non-invasive brain stimulation.