



Forum for
Bevissthetsforskning
FORUM FOR CONSCIOUSNESS RESEARCH



PUBLIC LECTURE November 3rd, 2022:

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(IMHR), Ottawa, Canada

What do brain and mind share? Temporo-spatial theory of consciousness (TTC)

Thursday, November 3rd, 16.05-17.40

Venue: **Auditorium 1, Georg Sverdrups Hus / Universitetsbiblioteket, Blindern,**
Moltke Moes vei 39 by Blindernveien, Oslo 0317

16.05: Welcome by J.F. Storm, University of Oslo

16.10: Georg NORTHOFF's lecture: *What do brain and mind share?*

17.10-17.45: Discussion and questions from the audience

Abstract. Consciousness and its relation to the brain is one of the major mysterious and unresolved scientific puzzles of our time. Various neuroscientific (and philosophical) theories of consciousness have been proposed. However, despite major progress, the missing link connecting brain and mind, neural and mental states, remains yet unclear. **They key claim of the *Temporo-spatial Theory of Consciousness (TTC)* is that that missing link consists in the spatial and temporal pattern or structure, i.e. their topography and dynamic, which are shared by both neural and mental activity as their "common currency".** Consciousness and its relation to the brain can then be explain in **temporo-spatial terms**. The lecture will present the theoretical framework and various lines of empirical support for the TTC. I conclude with a philosophical outlook how the TTC can resolve (rather than solve) the famous *hard problem of consciousness*, that is, the seemingly unbridgeable gap of brain and mind.

NB! NEW TIME: Seminar/Tutorial on the ***Temporo-Spatial Theory of consciousness (TTC)***, **Thursday Nov.3rd**, at **12.45 - 14.45**, in **Room L200, DOMUS MEDICA, University of Oslo, Sognsvannsveien 9, Gaustad** (next to Rikshospitalet and Gaustad Hotel). Here Dr. Northoff will provide additional material for the TTC, and a more elaborate philosophical framework focusing on consciousness as a specific vs non-specific feature. He will explain in more detail the measures of dynamics and topography of neural and mental activity. He will also show examples of how these measures can be applied to both brain and mind, and compare different theories of consciousness to the TTC.

Bio: **Georg NORTHOFF** is a German-born philosopher, neuroscientist and psychiatrist, holding degrees in all three disciplines. He is now working in Ottawa/Canada investigating the relationship between the brain and mind in its various facets, focusing on the question: *why and how can our brain construct subjective phenomena like self, consciousness, emotions?* He has developed the ***Temporo-spatial theory of consciousness (TTC)*** and published many articles and books.

All are welcome!

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