Riitta SALMELIN (FL)

Riitta Salmelin is Academy Professor (Academy of Finland) and Professor of Imaging Neuroscience at the Aalto University. She received her PhD in physics in 1989. She is a member of Academia Europaea (2002-). Prof. Salmelin conducts research in the field of systemic and cognitive neuroscience. Her expertise is exceptionally far-ranging and internationally unique. She is an expert in the world-famous MEG method, a non-invasive imaging technique that can be used to analyse the function of both healthy and diseased brains. The Finnish neuroscience research community has greatly contributed to the development of the MEG method and has some of the world's foremost expertise in its use. Prof. Salmelin's interdisciplinary research on language processing, neuroimaging and computational methods represents the absolute cutting edge in the field of cognitive neuroscience. During her second term as Academy Professor, it is expected that Salmelin's research will generate critical new information that will have wide application in both language research and neuroimaging. A better understanding of brain function, and of how it can be measured, will open new avenues to the treatment of brain diseases and injuries.

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