

Marcus Kaiser, Newcastle University, UK – *Connectomes and Epilepsy: Dynamical models of focus location, treatment options, and surgery outcome*

Marcus Kaiser studied biology and computer science at the Ruhr-University Bochum and the Distance University Hagen finishing with a master degree in 2002. He obtained his PhD, funded by a fellowship from the German National Merit Foundation, from Jacobs University Bremen in 2005. He is initiator and co-director of the Wellcome Trust PhD programme in Systems Neuroscience and leader of the UK INCF Special Interest Group in Image-based Neuroinformatics. He authored the first major review (Trends in Cognitive Sciences, 2004; cited 1,200+ times) and more than 50 other publications in the field of brain connectivity. Research interests are understanding the link between structure and function by modelling brain development, neural dynamics, and therapeutic interventions (see <http://www.dynamic-connectome.org/>).