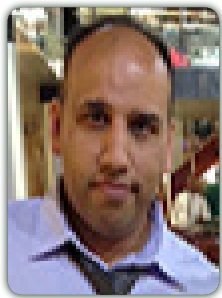


International Conference on
**NEUROLOGICAL DISORDERS &
 STROKE AND NEUROONCOLOGY**

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University of Leeds, UK

Clinical fMRI: From clinic to beyond

Functional magnetic resonance imaging or functional MRI (fMRI) is a state-of-the-art functional neuroimaging technique that measures brain activity by detecting associated changes in blood flow. fMRI is increasingly playing a key role in providing a deeper insight into brain function and/or functional brain networks. In fact, fMRI has matured over the last two decades from a research tool to a robust powerful clinical technique implemented in a wide spectrum of domains, from judicial, commercial to clinical. There are several new novel clinical applications of fMRI. The session will cover an introduction to clinical fMRI, clinical and a wide spectrum of recent novel applications (in rehabilitation, neurobehavioural and cognitive disorders, neuropsychology, mental health and psychiatry). This session will spotlight what currently can and can't be done with fMRI.

Biography

Arshad Zaman is an experienced Neurospecialist with over 15 years' experience in developing and clinically applying functional Magnetic Resonance Imaging (fMRI) at international centers of excellence. His previous studies encompass a spectrum of clinical applications (epilepsy, oncology) to state-of-the-art applications (e.g. pain relief, mental health & brain training). His current commitments centre around further development and clinical utilisation of fMRI.

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