Neuroscience as a Service (NaaS) may enable neuroscience-related healthcare and scientific research to be conducted in more natural environments and settings versus equipment rooms in laboratories and medical centers. NaaS is somewhat analogous to the concept of Software as a Service (SaaS)—decentralized cloud-based computing where a third-party provider hosts applications. Stakeholders through the internet, enabling customers to focus on their domain expertise versus attempting to run complex data centers, technology stacks and other network infrastructure. NaaS offers an alternative for research organizations without the complexities and costs of running room-sized equipment for measuring, recording and interpreting neuroscience information.

NaaS must yield scalable, easy-to-use, low-cost signal acquisition hardware supporting natural environments and cyber-physical systems along with multidisciplinary neuroscience expertise. By leveraging the interdisciplinary domains of state-of-the-art AI, machine learning, neuroscience, engineering, healthcare, and physics, NaaS can create innovative platforms that may accelerate neuroscience deployment and development in the future.

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**IMPORTANT DATES**

Deadline for new submissions: 31th December 2023
Publication: As per the policy of the journal
TOPICS

Topics included but not restricted to:

• Emerging multimedia processing in neuroscience as a service for health care,

• Emerging applications for managing neuroscience as a service for medical media data,

• The innovative use of artificial intelligence techniques, algorithms and methods to monitor and track casualties and contacts against the outbreak of epidemic diseases and beyond,

• Case study along with design or development of innovative multimedia smart healthcare materials, tools, and devices, mobile multimedia emerging technologies for health care,

• Emerging technologies based health monitoring,

• M-QoE/M-QoS/M-QoC variations in health- emerging technologies applications,

• Emerging technologies-based remote display protocol for health care,

• Media-cloud based resource allocation approaches, emerging technologies-based model for speech-enabling healthcare,

• ML/DL-based patient condition screening, visualization, and monitoring,

• AI-empowered multimedia healthcare data analytics in infectious diseases and beyond,

• Emerging media cloud protocols, surveys, applications and new research approaches,

• Emerging technologies-based model for automatic detection of mental disease at home,

• Usage of neuroscience as a service in improving customer services,

• Use of neuroscience as a service for business improvement

HOW TO SUBMIT

Please contact Guest Editor - Dr. Mohammad Shabaz (shabaz.cse@mietjammu.in) and Managing Editor - Jędrzej Daszkiewicz (jedrzej.daszkiewicz@degruyter.com) to let know, you are going to submit a paper to the Special Issue.

After that feel free to register at our paper processing system, and submit your paper:

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