



Understanding Creativity and Stimulating Creativity

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Deadline for manuscript
submissions:

closed (30 September 2022)

Message from the Guest Editors

Cognitive neuroscience studies of creativity have flourished over the past two decades. However, there is insufficient research focusing on how to enhance individual creativity via cognitive and non-cognitive intervention. Stimulating creativity should depend upon enough understanding of the nature of creativity including its definition, components, development, cognitive characteristics and processes, and neural mechanism. Hence, we aim to gather findings pertaining to the behavioral and neuroscience research of creativity, with the intention of bringing more insights and potential directions about how to stimulate creativity in training and teaching. Topics including, but not limited to, the following:

- Brain activation patterns during creative thinking
- Structural and functional brain of individual differences in creativity
- Enhancing creativity with neuromodulation and training
- Brain development and creativity
- Artistic creativity and brain
- Hyperscanning neuroimaging and team creativity
- Creativity and cognitive ability
- Creativity and non-cognitive abilities/skills
- Environmental factors on creativity

