



**Institute for Mind and Brain Colloquium Series  
Invited Speaker**



**Chuanji Gao, Ph.D.**  
**Institute for Mind and Brain, University of South Carolina**  
**Incoming Postdoctoral Fellow @**  
**Donders Institute for Brain, Cognition and Behaviour**  
**Radboud University, Nijmegen, Netherlands**

**“Neural representations of audiovisual  
valence processing”**

*Abstract:* The ability to feel pleasure or displeasure tells us who we are, and what we do in the sensory world. For example, a sight of a cockroach gives us negative feelings and prompts us to do something to deal with this displeasure. An important question is how does our brain represent emotions from different modalities? Does the displeasure evoked by a sight of a cockroach share a common neural representation with a sound of a gunshot? In addition, signals from multiple sensory modalities can also be either affectively congruent or incongruent. Where in the brain are important to distinguish audiovisual congruent or incongruent emotional information? Here I will present some data addressing the brain representations associated with processing of visual and auditory affective signals.

**September 22, 2020 @ 3:30pm – 4:45pm**

**Institute for Mind and Brain Sponsored Zoom Meeting:**

<https://us02web.zoom.us/j/88044128414?pwd=QlFyN1lqbWNibXBRNEVSeVREZE5UZz09>

Meeting ID: 880 4412 8414

Passcode: 262168 One tap mobile +13126266799