# BrAIN Workshop at UC Davis

**Brain, AI, Neuromorphic Computing**

**Schedule:** Tuesday, August 15, 2023, at 1:30 PM to 5:30 PM PDT + Reception  
**Location:** Room 1003 Kemper Hall, University of California, Davis 545 Bainer Drive, Davis, California 95618

- Host: S. J. Ben Yoo  
- +1 510 407 2457  
- Zoom info if needed:  
  - https://ucdavis.zoom.us/j/93068159190?pwd=OThQRUFzYkEyUnprNmgxNDVUUVRIUT09  
  - Meeting ID: 926 5568 5067  
  - Passcode: 868077  
  - One tap mobile  
  - +16694449171,,92655685067#,,,,*868077# US

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| 1:30 pm | Welcome and Introduction  
Prof. S. J. Ben Yoo  
AVCR Cristina Davis | Room 1003 Kemper Hall |
| 1:40 pm-2:10 pm | Keynote: Cognitive and Computational Neuroscience: AFOSR Dr. Hal Greenwald | Room 1003 Kemper Hall |
| 1:40 pm-2:10 pm | Motivation and Charges for Emergent Intelligence Workshop  
Co-Chairs: S. J. Ben Yoo and Kris Bouchard | Room 1003 Kemper Hall |
| 2:40 pm- 3:50 pm | Emergent Intelligence--Neuroscience Perspective:  
Prof. Charan Ranganath  
Prof. Joy Geng  
Prof. Kris Bouchard  
Prof. Randy O'Reilly/Luis El Srouji  
TBD: Connectome | Room 1003 Kemper Hall |
| 3:50 pm-5pm | Emergent Intelligence--Neuromorphic Perspective:  
Prof. Wei Lu: Intelligent Computing using Internal Device Dynamics  
Prof. Joshua Yang: Neuromorphic Computing with Memristors and Memcapacitors  
Prof. Salleo/Edoardo Tenna: Ionic Synapses and Neurons  
Prof. Jean Anne Incorvia: Graphene Synapses  
Prof. S. J. Ben Yoo: Optoelectronic Neurons and Photonic Synapses | Room 1003 Kemper Hall |
| 5 pm- 5:30 pm | Panel Discussions | Room 1003 Kemper Hall |
| 5:30 pm-7 pm | Reception | Kemper Hall Atrium |