

CT Image reconstruction & Deep Learning

Wednesday, 14th June 2017

ASTC Room 615, Yonsei University 연세대학교 첨단관(117동) 615호

+ Keynote Speaker



Larry Zeng / Weber State University, USA

Larry Zeng has a BS degree in Applied Mathematics from Xidian University, China, and an MS degree and a Ph.D. degree both in Electrical Engineering from University of New Mexico, Albuquerque, NM. Larry was with University of Utah as a tenured full Professor before coming to Weber State University. Larry has been doing research in medical imaging and homeland security. Larry has published over 126 peer-reviewed journal papers and holds 20 U. S. patents. Larry is an IEEE fellow and is the author of the textbook "Medical Image Reconstruction."

**Image reconstruction with arbitrary nonlinear constraints:
One backprojection and no forward projection.**

+ Program

11:00-11:50	Image reconstruction with arbitrary nonlinear constraints: One backprojection and no forward projection.	Larry Zeng / Weber State University, USA
12:00-13:30	Lunch	
13:40-14:00	CT artifact reduction method	Hyoungsup Park / NIMS
14:00-14:15	Machine learning technique for CT artifact reduction	Sung Min Lee / Yonsei Univ.
14:15-14:30	Coffee break	
14:30-14:45	Fetal Biometry from ultrasound images	Bukweon Kim / Yonsei Univ.
14:45-15:00	Generative Adversarial Networks for generating CT images	Hwa Pyung Kim / Yonsei Univ.