Last Wednesday Forum:

KAIST Special Interest Group on Future Emerging Technology in Medical Imaging

Junmo Kim @ EE KAIST

Wed, March 29, 2017

교수님	학과	연구실	연구 분야
김준모	Electrical Engineering	SIIT	Computer vision, Machine learning.
나종범	Electrical Engineering	ISL	Registration, Multi-modality, CT reconstruction (motion), Image processing, (X-ray, PET, CT…)
노용만	Electrical Engineering	IVY	Image & video processing, computer-aided detection/diagnosis
박성홍	Bio and Brain Engineering	MRILAB	MRI sequence, fMRI, perfusion imaging, MT imaging, Dual echo imaging
박진아	Computer Science	CGV	Organ modeling, Interface, Computer graphics, HCI
박현욱	Electrical Engineering	ICSL	MRI pulse sequence, MRI reconstruction, fMRI, MRS (Magnetic resonance spectroscopy)

막수포럼 참여 연구실
(가나다 순)

교수님	학과	연구실	연구 분야
예종철	Bio and Brain Engineering	BISPL	Optimization, Various Modalities, Reconstruction
이창옥	Mathematical Sciences	CMI	Image Processing, Inverse problem, Domain decomposition (P.D.E.) (CT, MR)
정범석	Graduate School of Medical Science	CNDL	Clinical image analysis (ADHD, stress, …), Network analysis, fMRI, MEG.
정용	Bio and Brain Engineering	CNI	Clinical image analysis (AD, PD), Network analysis, Brain mapping, fMRI, MEG.
조규성	Nuclear and Quantum Engineering	RDMIS	Rad. sensor, Data acquisition, PET system (X-ray, PET, CT, …)
조승룡	Nuclear and Quantum Engineering	MIRLAB	CT methodology, Reconstruction, Radiation therapy

막수포럼 연구팀 구성

팀 배정목록	팀별 주제
Team A: 조규성 교수님 연구실 (RDMIS)	Development of a Large-area X-ray Image Sensor & Micro-CT System
Team B : 노용만 교수님 연구실 (IVY) 박현욱 교수님 연구실 (ICSL)	Cardiac MR Imaging and Heart Chamber Segmentation
Team C : 예종철 교수님 연구실 (BISPL) 조승룡 교수님 연구실 (MIRLAB)	Improved Digital Breast Tomosynthesis Images using Deep Neural Networks
Team # : 박진아 교수님 연구실 (CGV) 정범석 교수님 연구실 (CNDL)	TBD
Team #: 김준모 교수님 연구실 (SIIT) 박성홍 교수님 연구실 (MRILAB) 정용 교수님 연구실 (CNI)	TBD

2017년 막수포럼 일정
(초안)

일정	교수님 또는 연사 발표	연구실 발표
3/29	김준모 교수님	None
4/26	TBD	Project Proposals (All teams)
5/31	TBD	TBD
6/28	TBD	TBD
7/26	TBD	TBD
8/30	Workshop	
9/27	TBD	TBD
10/25	TBD	TBD
11/29	TBD	TBD
12/27	Workshop	

- 카이스트 헬스사이언스연구소 (KIHST)