뇌와 인공지능 심포지엄 프로그램
하이원 리조트, 2013년 02월 20일-21일

일시: 2013 년 2 월 20 일(수)~21 일(목)
장소: 강원도 하이원리조트 컨벤션호텔 청옥룸(6F)
주최: 한국뇌공학회, 한국정보과학회 컴퓨터지능소아이티, 대한전자공학회 컴퓨터소사이어티
주관: KAIST 뇌과학연구센터, 경북대학교 전자공학부 및 전자기술연구소, 고려대학교 WCU 뇌공학연구사업단, IEEE Computational Intelligence Society(CIS) Seoul Chapter
후원: 신기술융합형성장동력사업 6세부, IEEE Systems, Man and Cybernetics(SMC) Society Korea Chapter

2013 년 02 월 20 일 (수요일)

13:00-13:10 Opening
Prof. Soo-Young Lee, KAIST (이수영 교수, 카이스트)

Oral Session

13:10-13:50 EEG-based Brain-computer Interfaces for Communication of Patients with Locked-in Syndrome
Prof. Chang-Hwan Im, Hanyang University (임창환 교수, 한양대학교)

13:50-14:30 Autonomous Task Skill Acquisition by Spatial and Temporal Entropies
Dr. Sang-Hyung Lee, Hanyang University (이상형 박사, 한양대학교)

14:30-15:10 Keynote Talk
현실과 가상의 통합을 위한 인체감응솔루션
Dr. Bum-Jae You, KIST (유범재 박사, 한국과학기술연구원)

15:10-15:20 Coffee Break

15:20-16:00 Metabolic and Morphological Connectivity Based on Multidimensional Persistent Homology
Dr. Hyekyoung Lee, Seoul National University (이혜경 박사, 서울대학교)

16:00-16:40 Gaussian Mixture Model-based Classification of DCE-MRI Data for Identifying Diverse Tumor Microenvironments
Prof. Giljin Jang, UNIST (장길진 교수,울산과학기술대학교)

16:40-16:50 Coffee Break

16:50-17:30 Exploiting K-nearest Neighbor Information with Many Data
Dr. Yung-Kyun Noh, Seoul National University (노영근 박사, 서울대학교)

17:30-18:10 Optimal Dose Hypothesis towards Individualized Therapy for Post-strokes: Computational Models and Clinical Supports
Dr. Cheol Han, Korea University (한철 박사, 고려대학교)

18:10-20:00 Banquet
2013 년 02 월 21 일 (목요일)

Poster Session
09:00-11:00

Oral Session
11:00-11:40  Affective Contents Recommendation Using Physiological Signals
             Prof. Jong-Seok Lee, Yonsei University (이종석 교수, 연세대학교)
11:40-12:30  Computational and Scalable Neuroimage Analysis
             Prof. Joon-Kyung Seong, Korea University (성준경 교수, 고려대학교)
12:30-13:30  Lunch
13:30-14:10  Massively Parallel Computing for Brain Connectomics
             Prof. Won-Ki Jeong, UNIST (정원기 교수, 울산과학기술대학교)
14:10-14:50  Deep Learning and Its Application to Character Recognition
             Prof. In-Jung Kim, Handong Global University (김인중 교수, 한동대학교)
14:50-15:30  The Digital Sixth Sense: Blurring the Boundary of the World
             Dr. Taesu Kim, Qualcomm Research Korea (김태수 박사, 퀄컴 R&D 코리아)
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