

The Korean Physical Society

한국 물리학회 회보

2014. 04 제32권 제1호

2014

봄 학술논문발표회 및
제 90회 정기총회

2014. 4. 23(수)~25(금)
대전컨벤션센터



KPS 한국물리학회
The Korean Physical Society

FG-09(초) [14:00-14:30]

Finite-time finite-size scaling of phase transition / 김범준(성균관대학교 물리학과.)

통계물리분과총회

2014년 4월 23일 수요일 14:30 - 15:00

장소: 201호

2014년 4월 24일(목) 통계물리분과회 구두 발표

[FG3] 통계물리분과회 General Session: 생물물리

2014년 4월 24일 목요일 09:00 - 10:45

장소: 201호

좌장: 김철민 UNIST

FG-10(초) [09:00-09:30]

Analysis on long-range residue-residue communication employing molecular dynamics / WU Sangwook, LEE Chang Jun¹, PEDERSEN Lee¹(Pukyong National University, Department of Physics. ¹University of North Carolina at Chapel Hill, Department of Chemistry.)

FG-11 [09:30-09:45]

Cross-link induced collapse of Gaussian polymer chains / 베네타토스 파나요티스(경북대학교 자연과학대학 물리학과.)

FG-12 [09:45-10:00]

Phase Dynamics of Neural Responses to External Auditory Stimuli / GOH Segun, HAN Kyungreem, KIM Kiwoong¹, KWON Hyukchan¹, KIM Min-Young¹, CHOI MooYoung(Department of Physics and Astronomy and Center for Theoretical Physics, Seoul National University, Seoul 151-747, Korea. ¹Center for Biosignals, Korea Research Institute of Standards and Science (KRISS), Daejeon 305-340, Korea.)

FG-13 [10:00-10:15]

Thermodynamic and Statistical-Mechanical Measures for Synchronization of Bursting Neurons / LIM Woochang, KIM Sang-Yoon¹(Daegu National University of Education, Department of Science Education. ¹LABASIS Corporation, Research Division.)

FG-14 [10:15-10:30]

Global Organization of Human Gut Microbiota / KIM Pan-Jun, SUNG Jaeyun, JANG Sungho¹, CHIA Nicholas², JIN Yong-Su³, JUNG Gyo Yeol¹(Asia Pacific Center for Theoretical Physics. ¹Department of Chemical Engineering, Pohang University of Science and Technology. ²Department of Surgery, Mayo Clinic. ³Department of Food Science and Human Nutrition, University of Illinois.)

FG-15* [10:30-10:45]

생체 내 유모세포 부동섬모의 이온채널은 어떻게 잡음을 줄이는가? / 안강현, 김경중(충남대학교, 물리학과.)

[FG4] 통계물리분과회 General Session: 통계물리학의 연구 동향 II

2014년 4월 24일 목요일 11:00 - 12:30

장소: 201호

좌장: 정형채 세종대

FG-16(초) [11:00-11:30]

Discontinuous phase transition in a core contact process on complex networks / 김엽, 채희승, 육순형(경희대학교 물리학과.)

FG-17(초) [11:30-12:00]

Study of protein folding by using partition function zeros / 이주련(숭실대학교 생명정보학과.)

FG-18(초) [12:00-12:30]

Atomic Superfluid in Two Dimensions / 신용일(서울대학교 물리천문학부.)

[FG5] 통계물리분과회 General Session: 복잡계 및 상전이와 임계현상

2014년 4월 24일 목요일 14:00 - 15:30

장소: 201호

좌장: 이재우 인하대

FG-19 [14:00-14:15]

Nash equilibrium and evolutionary dynamics in semifinalists' dilemma / BAEK Seung Ki, SON Seung-Woo¹, JEONG Hyeong-Chai²(Department of Physics, Pukyong National University. ¹Department of Applied Physics, Hanyang University. ²Department of Physics, Sejong University.)

FG-20 [14:15-14:30]

Synchronization of conformist and contrarian oscillators under pinning force / HOANG Danh-Tai, JO Junghyo¹, HONG Hyunsuk²(APCTP. ¹APCTP, POSTECH. ²Chonbuk National University.)

FG-21* [14:30-14:45]

Multiple Resource Demands And Viability In Multiplex Networks / 그광일, 민병준(고려대학교, 물리학과.)

FG-22 [14:45-15:00]

Necessary condition for discontinuous percolation transitions / CHO Young Sul, KAHNG Byungnam(Seoul National University.)