

Time	Details	
09 : 30-10 : 00	7 th Floor Reception	
10 : 00-10 : 10	Opening (Hall, 8th Floor) DS Lab Director Prof. Katsutoshi Yada (Kansai University)	
	Greeting President, Kansai University Prof. Keiji Shibai	
	Greeting JST-CREST Research Leader Prof. Naoki Katoh (Kwansei Gakuin University)	
10 : 10-10 : 55	Hall, 8th Floor Plenary Session: Invited Talk (Chair: Prof. Hiro Ito) Prof. Ian Newman (University of Haifa) "On characterization of testable graph properties for bounded degree graphs"	
10 : 55-11 : 10	Coffee Break (Room 702, 7th Floor)	
	Session 1 (Hall, 8th Floor) (Chair: Assoc. Prof. Yushi Uno)	Session 2 (Room 701, 7th Floor) (Chair: Prof. Katsutoshi Yada)
11 : 10-11 : 30	Contributed Talk Yuya Higashikawa (Chuo University) "Faster Algorithms for k-Sink Location on Dynamic Path Networks"	Invited Talk Prof. ABM Shawkat Ali (University of Fiji) "Big Data: Changing the way of our businesses" (11:10-11:55)
11 : 30-11 : 50	Contributed Talk Adnan Sijoka (Kwansei Gakuin University) "Probing the mechanism of allosteric signal transduction in proteins with fast algorithms from rigidity theory"	
Lunch		
	Session 1 (Hall, 8th Floor) (Chair: Assoc. Prof. Tetsuo Shibuya)	Session 2 (Room 701, 7th Floor) (Chair: Assoc. Prof. Kei Miyazaki)
13 : 30-14 : 15	Invited Talk Prof. Tak-Wah Lam (University of Hong Kong) "Metagenome Assembly for Large and Complex Datasets"	Invited Talk Assoc. Prof. I-Hsien Ting (National University of Kaohsiung) "Analyzing and Mining Social Data for Search and Recommendation"
14 : 15-14 : 35	Contributed Talk Kunihiko Sadakane (The University of Tokyo) "Managing Big Data with Succinct Data Structures"	Contributed Talk "Accounting meets data mining" Opening / Prof. Takuya Iwasaki (Kansai University) Attribute selection / Prof. Kei Hirose (Kyushu University) Model selection / Dr. Zuo Yi (Nagoya University) Application to firm earnings prediction/ Dr. Ken Ishibashi (Kansai University)
14 : 35-14 : 55	Contributed Talk Taku Onodera (The University of Tokyo) "A fast protein structure classification algorithm based on an alignment-free kernel"	
14 : 55-15 : 10	Coffee Break (Room 702, 7th Floor)	
15:10-15:40	Project Introduction (Hall, 8th Floor) Introduction of DS Lab Project DS Lab Director Prof. Katsutoshi Yada (Kansai University)	
15:40-15:50	Break	
	Session 1 (Hall, 8th Floor) (Chair: Prof. Kazuyuki Tanaka)	Session 2 (Room 701, 7th Floor) (Chair: Prof. Katsutoshi Yada)
15:50-16:10	Contributed Talk Chako Takahashi (Yamagata University) "Inference and learning algorithms in Gaussian restricted Boltzmann machine based on mean-field approximations"	Round Table Discussion for Future Research
16 : 10-16 : 30	Contributed Talk Yuya Seki (Tohoku University) "Establishing quantum computing method for community detection"	
16 : 30-17 : 15	Project Introduction (Hall, 8th Floor) "Foundations of Innovative Algorithms for Big Data" JST-CREST Research Leader Prof. Naoki Katoh (Kwansei Gakuin University)	
17 : 15-17 : 20	Closing (Hall, 8th Floor) JST-CREST Research Leader Prof. Naoki Katoh (Kwansei Gakuin University)	