



Epilogue Series I

of Frontier of Statistical Physics and Information Processing 2013

Italia-Giappone attraverso il futuro

-Bridge across the future-

Date:

2 August 2013

Venue:

Kyoto University,

7th Integrated Research Building

Seminar Room 2 (On ground floor)

List of Speakers

dalla Italia

Flaviano Morone (Sapienza Università di Roma):

Finite volume corrections in disordered diluted models

Carlo Lucibello (Sapienza Università di Roma):

Spectral representations of the replicated transfer matrix

Paolo Barucca (Sapienza Università di Roma):

Quenched heterogeneities in spin systems

dal Giappone

Akihisa Ichiki (Nagoya University):

Perspective beyond detailed balance from Markov chain Monte Carlo

Shun Kataoka (Tohoku University):

Statistical-Mechanical Approaches for image inpainting and segmentation filters

Kei Sano (Kyoto University):

Improved complex approximate message passing algorithm for Magnetic Resonance Imaging

Kenta Nishimura (Kyoto University):

Finding sushi gourmet; Subset Clustering for Extracting a Rare Cluster

Chihiro Nakajima (Tohoku University):

Statistical Mechanical formulation and simulation of prime factorization of integers

Masahiko Ueda (Kyoto University):

Estimation of 1RSB transition temperature of spin glass models on random graphs under replica symmetric ansatz