

2nd Funabashi Workshop on "Deformation and Fracture Dynamics"

at Nihon University under HAS-JSPS Joint Research Project

15 February 2016 (Mon)

At Room 1322, CST Funabashi, Nihon University

Chairman: Takahiro Hatano

- 13:20 – 13:30 Opening of the workshop (by Akio Nakahara)
13:30 – 14:30 Ferenc Kun (Invited, Univ. Debrecen, Hungary),
“Fracture processes in the limit of very high disorder”
14:30 – 15:00 Shota Nagumo (Fac. Eng., Univ. Tokyo),
“The effect of tick size on trading volume share in two stock markets”
15:00 – 15:15 Coffee Break

Chairman: Satoshi Yukawa

- 15:15 – 15:45 Akiyuki Kuwabara (Fac. Eng., Univ. Tokyo),
“Drag Force on two disks moving in a two-dimensional granular bed”
15:45 – 16:45 Takahiro Hatano (ERI, Univ. Tokyo),
“Segregation and mixing in dense granular matter”
17:00 – 18:00 Demonstration of memory effect of magnetic paste at Room 134
18:00 – 20:00 Yakiniku Party at Room 131B

16 February 2016 (Tue)

At Room 1323, CST Funabashi, Nihon University

Chairman: Naoki Yoshioka

- 10:30 – 11:00 A. Nakahara, R. Yoneyama, M. Ito, R. Ishikawa and Y. Matsuo (CST, Nihon Univ.),
“Erasure of memory in paste by applying ultrasonic waves”
11:00 – 11:30 R. Ishikawa, H. Takahashi, Y. Matsuo, A. Muramatsu and A. Nakahara (CST, Nihon Univ.),
“Numerical simulation for memory of flow in paste using colloidal suspension simulator”
11:30 – 12:00 S. Sasagawa, K. Yamamoto, Y. Matsuo and A. Nakahara (CST, Nihon Univ.),
“The rewriting of memory effect in magnetic paste”
12:00 – 13:20 Lunch

Chairman: Akio Nakahara

- 13:20 – 13:50 Zoltan Halasz (Univ. Debrecen, Hungary),
“Desiccation induced cracking in a 2D discrete element model”
13:50 – 14:20 Gergo Pal (Univ. Debrecen, Hungary),
“Evolution of the shape of fragments in repeated sub-critical impacts”
14:20 – 14:50 Naoki Yoshioka (Riken AICS),
“Burst size in fiber-bundle model revisited”
14:50 – 15:00 Closing of the workshop (by Ferenc Kun)