

日大破壊研究会の案内（ハンガリーとの共同研究）

HAS-JSPS Joint Workshop on "Deformation and Fracture

Dynamics" at Nihon University

日時：2015年5月27日（水）10:30~18:00

場所：日本大学理工学部・船橋校舎・13号館2階1323教室

Chairman: A. Nakahara

- 10:30-11:00 T. Mitsudo, T. Hatano*, and N. Kato (Univ. of Tokyo),
"Quiescence and the b-value decrease before large events in forest-fire model"
- 11:00-11:30 S. Biswas, S. Roy and P. Ray (Saha Institute of Nuclear Physics),
"Nucleation versus percolation: Scaling criterion for failure in disordered solids"
- 11:30-12:00 Ai Hamada and Atsushi Toramaru (Kyushu Univ.),
"Analogue experiments of reproducing morphological features of entablature in columnar joints"

12:00-13:00 Lunch

13:00-14:00 Experiments at Nakahara lab (Rooms 131A and 134)

Chairman: Ooshida T.

- 14:00-15:00 Ferenc Kun (Univ. of Debrecen) (Invited, 1 hour talk),
"Dynamic fracture of ferromagnetic materials"
- 15:00-15:30 N. Yoshioka, F. Kun, and N. Ito (Univ. of Tokyo),
"Kinetic Monte Carlo algorithm for thermally induced breakdown of fiber bundles"
- 15:30-16:00 Nobuyasu Ito (Univ. of Tokyo),
"Factors of urban traffic"

Chairman: N. Ito

- 16:30-17:00 A. Nakahara and Y. Matsuo (Nihon Univ.),
"Experiments to control crack formation by imprinting, rewriting, and erasing memories in pastes"
- 17:00-17:30 Ooshida Takeshi (Tottori Univ.),
"Calculation of stress in a horizontally oscillated shallow paste layer"
- 17:30-18:00 Sin-ichi Ito (Univ. of Tokyo) and Satoshi Yukawa (Osaka Univ.),
"Dynamical and statistical properties on desiccation crack pattern"

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