

東京理科大学 総合研究機構

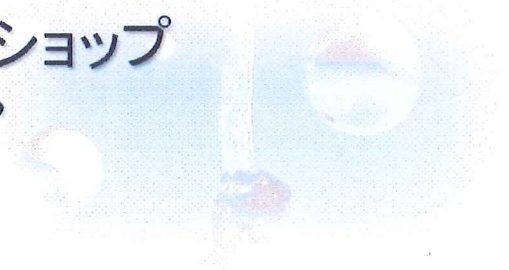
Tokyo University of Science, Research Institute for Science & Technology

マイクロ・ナノ界面熱流体力学国際研究部門

International Research Division of Interfacial Thermofluid Dynamics

第5回 I^2plus ワークショップ

Fifth I^2plus Workshop



日 時: 平成26年9月2日(火)13:00 ~ 18:00

場 所: 東京理科大学 葛飾キャンパス 研究棟 4F 会議室

プログラム:

13:00-13:10 Opening remarks

13:10-14:10 特別講演 (I^2plus 10th Seminar)

講演題目: α ゲル生成によるアメーバ型の界面不安定性

講演者: 住野豊 (東京理科大学, 講師)

14:10-14:30 研究報告 Oral presentation #1

(Title: TBA). Hideki SAKAI

14:30-14:50 研究報告 Oral presentation #2

(Title: TBA). Toshihiro KANEKO

14:50-16:20 ポスター発表 Poster presentation

16:20-16:40 研究報告 Oral presentation #3

Active control of small objects in microfluidics.

Masahiro MOTOSUKE

16:40-17:00 研究報告 Oral presentation #4

Numerical studies on multiphase microfluidics.

Takahiro TSUKAHARA

17:00-17:20 研究報告 Oral presentation #5

(Title: TBA). Ichiro UENO

17:00-18:00 自由討論 Free discussion



I^2plus 's web site:

<http://www.rs.tus.ac.jp/~i2plus/>



Poster session

1. "Semi-local friction factors of gas flow in rectangular microchannels",
Taiki NAKAMURA (Kagoshima Univ.), Chungpyo HONG.
2. "Measurement of Semi-local Friction Factor of Gas Flow in Micro-tube",
Goku TANAKA (Kagoshima Univ.), Chungpyo HONG.
3. "Numerical study of dynamics behavior of liquid-air interface by VOF method",
Yusuke MIYAZAKI (Tokyo Univ. of Sci.), Nobuo KAZUNO, Takahiro TSUKAHARA.
4. "Evaluation of near wall flow by defocusing PTV",
Yoshiyasu ICHIKAWA (Tokyo Univ. of Sci.), Masahiro MOTOSUKE.
5. "Measurement of particle rolling behavior in microchannel by lateral observation",
Yoshihiro YOSHIDA (Tokyo Univ. of Sci.), Masahiro MOTOSUKE.
6. "Flow patterns due to thermocapillary effect in thin liquid film"
Fei, L. (Tokyo Univ. Sci.), Ikebukuro, K., Kaneko, T. & Ueno, I.
7. "Dynamics of vapor bubble in condensing process after exposed to sub cooled pool"
Ando, J. (Tokyo Univ. Sci.), Saiki, T., Kaneko, T., Hong, C. (Kagoshima U.) & Ueno, I. (Tokyo Univ. Sci.)

