

Advanced Forum on Tribology 2010, Morioka

7 November, 2010

8:00 – 10:00	Registration & Poster					
10:00 – 10:05	Opening Remarks		Hisashi Machida	町田 尚		備考
10:05 – 10:10	Welcome address		Katsumi Fujii	藤井 克巳		
10:10 – 10:45	Session I (Chair: Dr. Hisashi Machida)	Keynote-1	Shigeyuki Mori	森 誠之	Boundary lubrication as surface science	境界潤滑
10:45 – 11:20		Keynote-2	Qunji Xue	薛 群基	Some progress of solid lubricating materials and technologies in China	固体潤滑
11:20 – 11:45		Invited-1	Toshiaki Wakabayashi	若林 利明	Advanced diagnostic evaluation of rolling behavior in ball bearings by ultrasonic technique	評価法, メンテナンス
11:45 – 12:10		Invited-2	Yu Tian	田 焜	Friction at immiscible liquid/liquid interface	ナノライボロジー
12:10 – 12:20	Group Photo					
12:20 – 13:20	Lunch					
13:20 – 13:45	Session II (Chair: Prof. Yonggang Meng)	Invited-3	Yoshiro Iwai	岩井 善郎	Development of a new evaluation technique of surface strength of hard thin coatings by a micro slurry-jet erosion (MSE) test	評価法・摩耗
13:45 – 14:10		Invited-4	Chengqing Yuan	袁 成清	Study of wear control technology for the key parts in the ships	摩耗, 船舶
14:10 – 14:35		Invited-5	Takanori Nagatomo	永友 貴史	Standards for railway axle journal rolling bearings	鉄道, 軸受
14:35 – 15:00		Invited-6	Kali Gu	顧 卡 麗	Tribology and surface engineering application in hydropower field of China	水力
15:00 – 15:20	Tea Break (Poster)					
15:20 – 15:45	Session III (Chair: Prof. Shinya Sasaki)	Invited-7	Yonggang Meng	孟 永鋼	Potential-controlled boundary lubrication of aqueous and non-aqueous solutions	境界潤滑, トライボケミカル
15:45 – 16:10		Invited-8	Masabumi Mashiko	益子 正文	Mechanistic considerations on the boundary lubrication of tribofilms	境界潤滑, トライボケミカル
16:10 – 16:35		Invited-9	Zhijun Zhang	張 治軍	Preparation and tribological investigation of soluble nano particulates	境界潤滑, トライボケミカル
16:35 – 17:00		Invited-10	Keiji Nakayama	中山 景次	Triboplasma generation and tribochemical reaction	トライボケミカル
17:00 – 18:00	Poster Session					
19:00 – 21:00	Banquet					

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8:30 – 8:40	Information				備考	
8:40 – 9:15	Session IV (Chair: Prof. Shigeyuki Mori)	Keynote-3	Jianbin Luo	雒 建斌	Superlubricity of Liquid Lubricants	流体
9:15 – 9:50		Keynote-4	Yoshio Kumada	熊田 喜生	History and recent development of plain bearing	流体
9:50 – 10:20	Tea Break (Poster)					
10:20 – 10:45	Session V (Prof. Joichi Sugimura)	Invited-11	Xing Huang	黄 興	Industrial tribology research and application activities in GMERI	産業界
10:45 – 11:10		Invited-12	Moritsugu Kasai	葛西 杜継	Influence of lubricants on plain bearing lubrication	軸受, 産業界
11:10 – 11:35		Invited-13	Jing Zheng	鄭 靖	Recent progress in dental tribology	歯
11:35 – 12:00		Invited-14	Hiroki Fujiwara	藤原 宏樹	Crowning of roller bearings – Optimum design and experimental demonstration –	軸受, 産業界
12:00 – 13:00	Lunch					
13:00 – 13:25	Session VI (Chair: Prof. Yu Tian)	Invited-15	Takahisa Kato	加藤 孝久	Environmental effects on tribological properties of DLC films slid against SUS 440C	表面改質
13:25 – 13:50		Invited-16	Liping Wang	王 立平	Fabrication and application of multi-scale and multi-interface carbon-based tribological coatings	表面改質
13:50 – 14:15		Invited-17	Noritsugu Umehara	梅原 徳次	Surface modification for future machines and instruments	表面改質
14:15 – 14:45	Tea Break (Poster)					
14:45 – 15:10	Session VII (Chair: Prof. Noritsugu Umehara)	Invited-18	Joichi Sugimura	杉村 丈一	Progress in tribology in hydrogen gas	雰囲気, 水素
15:10 – 15:35		Invited-19	Kun Liu	劉 焜	Connectivity characterization of surface topography based on mathematical morphology	表面粗さ
15:35 – 16:00		Invited-20	Shinya Sasaki	佐々木 信也	Multi-scale surface texturing for improving tribological properties under boundary lubrication	テクスチャ
16:00 – 16:10	Closing Remarks		Shigeyuki Mori	森 誠之		
16:10 – 17:10	Labo Tour		Staff of Iwate University			
17:30 – 19:30	Dinner					