

台灣磁性技術協會

Taiwan Association for Magnetic Technology



IcAUMS 2016

The 4th International Conference of
Asian Union of Magnetics Societies

August 1st – August 5th, 2016,
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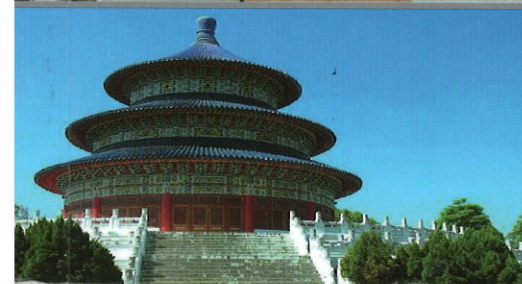
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Poster Session PT

Nanoparticles and Bio-magnetism

Thursday Afternoon, Aug. 4th, 2016 Room: Multifunction Room

Chair: Zung-Hang Wei/ National Tsing Hua University

PT-01

Synthesis of cobalt-based carbide particles by polyol process and their magnetic properties

S. Fujieda, A. Yomogida, K. Shinoda, S. Suzuki
Institute of Multidisciplinary Research for Advanced Materials, Tohoku University, Sendai 980-8577, Japan

PT-02

Improving cell migration in wound healing using intracellular magnetic nanoparticles and magnetic force

Wan-Ying Huang, Chao-Ming Su, Shyh-Liang Lu, Tzong-Rong Ger
Department of Biomedical Engineering, University of Chung Yuan, Taoyuan, Taiwan

PT-03

Synthesis and Characterization of Aqueous Magnetic Ferrofluid for Biomedical Application

Jefunnie Matahum, Chao-Ming Su, Shyh-Liang Lou, Tzong-Rong Ger
Department of Biomedical Engineering, Chung Yuan Christian University, Taoyuan, Taiwan

PT-04

Magnetic Properties of Individual Magnetite Nanoparticles

H. Mamiya^(a), J. Nishigaki^(b), M. Fukunaga^(b), I. Furukawa^(b), J. Cuya^(b), and B. Jeyadevan^(b)
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PT-05

Preparation of Magnetic Zeolite Materials and Application in Biomedical Studies

V. Hovhannisyan, C. Y. Dong
Department of Physics, National Taiwan University, Taiwan

PT-06

Biomolecular detection and capture in wave sheet ferromagnetic nanostructure

C. R. Jeng, H. T. Huang, and Z. Wei
Department of Power Mechanical Engineering, National Tsing Hua University, Hsinchu 30013, Taiwan

PT-07

Magnetic nanoparticle enhanced surface plasmon resonance for biosensing application

H. T. Huang, T. S. Lin, and Z. Wei
Department of Power Mechanical Engineering, National Tsing Hua University, Hsinchu 30013, Taiwan

PT-08

Magnetic properties of multilayered graphene oxide reduced in hydrogen atmosphere

Y. Fujiwara, R. Mori, T. Tanaka, M. Jimbo, T. Kobayashi
Graduate School of Engineering, Mie University, Tsu 514-8507, Japan
School of Engineering, Daodo University, Nagoya 514-8507, Japan

PT-09

Investigation of magnetic properties of $\text{Co}_{0.2}\text{Zn}_{0.8}\text{Fe}_2\text{O}_4$ nanoparticles for hyperthermia applications

Sangjoon Lee, Sam Jin Kim, Chul Sung Kim
Department of Physics, Kookmin University, Seoul 136-702, Korea