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Contents

- ix *Conference Committee*
xi *Introduction*

BIOMATERIALS

- 9234 02 **Investigating damage properties of rice grain under compression load** [9234-31]
Y.-J. Shu, N.-S. Liou, Southern Taiwan Univ. of Science and Technology (Taiwan);
N. Moonpa, S. Topaiboul, Rajamangala Univ. of Technology (Thailand)
- 9234 03 **Preparation and physico-chemical properties of hydrogels from carboxymethyl cassava starch crosslinked with citric acid** [9234-39]
S. Boonkham, Kasetsart Univ. (Thailand); K. Sangseethong, National Ctr. for Genetic Engineering and Biotechnology (Thailand); P. Chatakanon, C. Niamnuay, Kasetsart Univ. (Thailand); K. Nakasaki, Tokyo Institute of Technology (Japan); K. Sriroth, Kasetsart Univ. (Thailand)

COMPOSITE MATERIALS AND STRUCTURE

- 9234 04 **Effect of calcinations temperature on microstructures, photocatalytic activity and self-cleaning property of TiO₂ and SnO₂/TiO₂ thin films prepared by sol-gel dip coating process** [9234-3]
W. Sangchay, Songkhla Rajabhat Univ. (Thailand)
- 9234 05 **Monitoring of resin transfer in CFRP molding using 3D-DIC technique** [9234-8]
D. Chen, K. Arakawa, Kyushu Univ. (Japan); M. Uchino, Fukuoka Industrial Technology Ctr. (Japan)
- 9234 06 **Characterization of GO and TiO₂-GO composites prepared by using microwave technique** [9234-33]
C. Patomnetikul, Maejo Univ. (Thailand); S. Thongtem, Chiang Mai Univ. (Thailand);
S. Narksitipan, Maejo Univ. (Thailand)
- 9234 07 **Regulating surface wettability of PEO/PLLA composite electrospun nanofibrous membrane for liquid phase filtration** [9234-45]
L. Poonsit, Kasetsart Univ. (Thailand); J. Sunthornvarabhas, National Ctr. for Genetic Engineering and Biotechnology (Thailand); I. Akira, Tokyo Institute of Technology (Japan);
A. Lertworasirikul, Kasetsart Univ. (Thailand)

COMPUTATION AND SIMULATION TECHNIQUES

- 9234 08 **Stress and flow analyses of ultraviolet-curable resin during curing** [9234-22]
E. Umezaki, A. Okano, H. Koyama, Nippon Institute of Technology (Japan)

- 9234 09 **Stress analysis of bolted joints under centrifugal force** [9234-27]
M. Imura, M. Iizuka, S. Nakae, T. Mori, T. Koyama, Hitachi, Ltd. (Japan)
- 9234 0A **Simplified identification of material parameters for Yoshida-Uemori kinematic hardening model** [9234-53]
T. Phongsai, V. Uthaisangsuk, B. Chongthairungruang, S. Suranuntchai, King Mongkut's Univ. of Technology Thonburi (Thailand); S. Jiratheararat, National Metal and Materials Technology Ctr. (Thailand)

ENGINEERING IMAGE PROCESSING AND ITS APPLICATIONS

- 9234 0B **Fingerprint templates generated by the fractional Fourier, cosine and sine transforms and comparison of recognition accuracy and robustness** [9234-21]
H. Yoshimura, Chiba Univ. (Japan)

EXPERIMENTAL FLUID MECHANICS

- 9234 0C **Flow and heat transfer of petal shaped double tube** [9234-11]
T. Shakouchi, Y. Kawashima, K. Tsujimoto, T. Ando, Mie Univ. (Japan)
- 9234 0D **Influence of water depth on the sound generated by air-bubble vibration in the water musical instrument** [9234-25]
Y. Ohuchi, Y. Nakazono, Tokai Univ. (Japan)
- 9234 0E **Effects of out-of-plane double bent pipe on ultrasonic flow metering** [9234-41]
W. Treenuson, N. Tsuzuki, H. Kikura, Tokyo Institute of Technology (Japan); S. Wada, Tokyo Electric Power Co. (Japan)
- 9234 0F **Small model experiment on the gradient of pressure wave formed by train entering into the tunnel at 160km/h** [9234-54]
T. Yonemoto, H. Endo, F. Meguro, M. Ota, K. Maeno, Chiba Univ. (Japan)

EXPERIMENTAL SOLID MECHANICS

- 9234 0G **Effect of temperature on the dynamic compressive properties of magnesium alloy and its nanocomposite** [9234-7]
J. Xiao, D. W. Shu, K. S. Goh, Nanyang Technological Univ. (Singapore)
- 9234 0H **Inflation of stressed cylindrical tubes: an experimental study** [9234-10]
Z. Guo, S. Wang, L. Li, Tianjin Univ. (China); H. Ji, Tianjin Univ. of Commerce (China); Z. Wang, S. Cai, Tianjin Univ. (China)
- 9234 0I **Experimental study on the thermal-vibration testing of the wing structure of high-speed vehicles** [9234-15]
D. Wu, Y. Wang, S. Zhao, B. Pan, S. Wu, Beijing Univ. of Aeronautics and Astronautics (China)

- 9234 OJ **Measurement of residual birefringence in thin glass plates using digital photoelasticity** [9234-40]
P. Tarkes Dora, K. Ramesh, Indian Institute of Technology Madras (India)
- 9234 OK **Mechanical properties testing of sheet metal by hydraulic bulge test** [9234-43]
A. Dimarn, C. Thanadngarn, King Mongkut's Univ. of Technology North Bangkok (Thailand);
V. Buakaew, Srinakharinwirot Univ. (Thailand); Y. Neamsup, Sammitr Motors Manufacturing
Public Company Ltd. (Thailand)
- 9234 OL **Investigation on RGB laser source applied to dynamic photoelastic experiment** [9234-48]
S. Li, G. Yang, W. Zeng, Tongji Univ. (China)
- 9234 OM **Integrated learning in practical machine element design course: a case study of V-pulley
design** [9234-50]
M. Tantrabandit, Rajamangala Univ. of Technology Thanyaburi (Thailand)
- 9234 ON **Dimensional coordinate measurements: application in characterizing cervical spine
motion** [9234-52]
W. Zheng, L. Li, S. Wang, Tianjin Univ. (China); Z. Wang, N. Shi, Y. Xue, Tianjin Medical Univ.
(China)
- 9234 OO **New developments in transport of intensity equation for phase retrieval and computational
imaging** [9234-56]
A. Asundi, Nanyang Technological Univ. (Singapore); C. Zuo, Nanyang Technological Univ.
(Singapore) and Nanjing Univ. of Science and Technology (China)

FUNCTIONAL MATERIALS

- 9234 OP **Synthesis of magnetite magnetic nanoparticles and measurement of magneto-optical
effects** [9234-18]
J.-F. Lin, M.-Z. Lee, Far East Univ. (Taiwan)
- 9234 OQ **Preparation of sulfonic acid-containing rubbers from natural rubber vulcanizates** [9234-38]
W. Poonsawat, S. Poompradub, C. Ngamcharussrivichai, Chulalongkorn Univ. (Thailand)

NONDESTRUCTIVE TESTING AND EVALUATION

- 9234 OR **Performance comparison of Hall Effect sensor and EMATs in measurement of specimen
with various hole depths** [9234-6]
W. Sriratana, R. Murayama, Fukuoka Institute of Technology (Japan)
- 9234 OS **Pipe inspection system using a polarized transverse wave EMAT** [9234-13]
R. Murayama, W. Sriratana, K. Imai, N. Sonoda, Fukuoka Institute of Technology (Japan);
M. Kobayashi, Kumamoto Univ. (Japan)
- 9234 OT **Shape measurement and vibration analysis of moving speaker cone** [9234-26]
Q. Zhang, Y. Liu, Sichuan Univ. (China); P. Lehtonen, VTT Technical Research Ctr. of Finland
(Finland)

- 9234 0U **Nondestructive evaluation of residual stress in short-fiber reinforced plastics by x-ray diffraction** [9234-30]
K. Tanaka, S. Tokoro, Meijo Univ. (Japan); Y. Akiniwa, Yokohama National Univ. (Japan); N. Egami, Meijo Univ. (Japan)
- 9234 0V **A comparison of defect size and film quality obtained from film digitized image and digital image radiographs** [9234-57]
P. Kamlangkeng, P. Asa, N. Mai, King Mongkut's Univ. of Technology Thonburi (Thailand)
- 9234 0W **Automated surface profile measurement of diamond grid disk by phase-shifted shadow Moiré** [9234-59]
T. Y.-F. Chen, J. Lin, National Cheng Kung Univ. (Taiwan)
- 9234 0X **Quality performance of customized and low cost x-ray micro-digital radiography system** [9234-60]
G. B. Suparta, Univ. Gadjah Mada (Indonesia); A. C. Louk, Nusa Cendana Univ. (Indonesia); N. H. Sam, G. A. Wiguna, Univ. Gadjah Mada (Indonesia)
- 9234 0Y **The use of x-ray micro-digital radiography for clay material inspection** [9234-61]
G. B. Suparta, Univ. Gadjah Mada (Indonesia); A. C. Louk, Nusa Cendana Univ. (Indonesia) and Univ. Gadjah Mada (Indonesia); H. Kurniasari, G. A. Wiguna, Univ. Gadjah Mada (Indonesia)

OPTICAL METHOD AND TECHNIQUES

- 9234 0Z **CCD or CMOS camera calibration using point spread function** [9234-4]
D. G. Abdelsalam, Lab. de Mécanique, Ecole Centrale de Lille, Univ. Lille Nord de France (France) and National Institute of Standards (Egypt); M. Stanislas, Lab. de Mécanique, Ecole Centrale de Lille, Univ. Lille Nord de France (France); S. Coudert, Lab. de Mécanique, CNRS, Univ. Lille Nord de France (France)
- 9234 10 **Analysis of an integrated optic micro racetrack resonator based biosensor** [9234-5]
S. Malathi, M. S. Ramaiah School of Advanced Studies (India); G. Hegde, T. Srinivas, Indian Institute of Science (India); U. M. Roy, M. S. Ramaiah School of Advanced Studies (India)
- 9234 11 **Using the auxiliary camera for system calibration of 3D measurement by digital speckle** [9234-14]
J. Xue, X. Su, Q. Zhang, Sichuan Univ. (China)
- 9234 12 **Fourier transform profilometry by using digital dc subtraction** [9234-32]
J. Wongjarern, J. Widjaja, W. Sangpech, N. Thongdee, P. Santisoonthornwat, O. Traisak, P. Chuamchaitrakool, P. Meemon, Suranaree Univ. of Technology (Thailand)
- 9234 13 **Strain distribution measuring system using speckle shearing interferometer** [9234-35]
Y. Matsumoto, Y. Oshida, Nara National College of Technology (Japan); Y. Iwatashi, Osaka Sangyo Univ. (Japan)
- 9234 14 **Holographic particle size extraction by using Wigner-Ville distribution** [9234-37]
P. Chuamchaitrakool, J. Widjaja, Suranaree Univ. of Technology (Thailand); H. Yoshimura, Chiba Univ. (Japan)

- 9234 15 **Nanostructure patterning on flexible substrates using electron beam lithography** [9234-44]
K. S. Nagaraj, K. Sangeeth, G. M. Hegde, Indian Institute of Science (India)
- 9234 16 **Implementation and characterization of phase-resolved Doppler optical coherence tomography method for flow velocity measurement** [9234-47]
P. Pongchalee, K. Palawong, P. Meemon, Suranaree Univ. of Technology (Thailand)
- 9234 17 **Design, implementation, and characterization of spectrometer-based spectral domain optical coherence tomography** [9234-49]
K. Palawong, P. Pongchalee, P. Chuamchaitrakool, S. Tachatraiphop, J. Widjaja, P. Meemon, Suranaree Univ. of Technology (Thailand)
- 9234 18 **Phase space representation of transport of intensity phase retrieval for partially coherent fields** [9234-55]
C. Zuo, Nanjing Univ. of Science and Technology (China), Nanyang Technological Univ. (Singapore), and Beijing Institute of Technology (China); Q. Chen, Nanjing Univ. of Science and Technology (China) and Beijing Institute of Technology (China); A. Asundi, Nanyang Technological Univ. (Singapore)
- 9234 19 **Compressive sensing for digital holographic interferometry** [9234-58]
B. Deepan, C. Quan, C. J. Tay, National Univ. of Singapore (Singapore)

SMART MATERIALS AND STRUCTURES

- 9234 1A **Preparation of antibacterial composite material of natural rubber particles coated with silica and titania** [9234-36]
A. Wisutiratanamane, S. Poompradub, K. Poochinda, Chulalongkorn Univ. (Thailand)
- 9234 1B **Locally contacted rear surface passivated solar cells by inkjet printing** [9234-51]
N. Phiwpha, T. Fangsuwannarak, Suranaree Univ. of Technology (Thailand); S. Sopitpan, Thai Microelectronics Ctr. (Thailand)

Author Index

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Introduction

On behalf of the Organizing and Technical Committees, we were delighted to host the International Conference on Experimental Mechanics 2013 (ICEM 2013) & the Twelfth Asian Conference on Experimental Mechanics (ACEM-12th) held November 25-27, 2013 at Swissotel Le Concorde in Bangkok, Thailand.

The conference consisted of three plenary lectures, nine invited lectures, 76 oral research presentations, and 20 poster presentations covering optical methods and techniques, nano and micro testing, hybrid concept and methods, biomaterials and bioengineering, smart materials and structures, and residual stresses. A total of 100 scientists and researchers working in universities, institutes, and industry and representing 11 countries contributed to this international conference to discuss and share further developments in a range of significant topics in experimental mechanics.

We would like to thank all our co-organizers and supporters. Finally, we would like to express our sincere thanks to the invited speakers, editor, and authors for their valuable contributions that have made great success for this conference.

We hope that, apart from the superb scientific and technical program, all participants had a wonderful experience enjoying sightseeing in Bangkok during the conference period.

Werasak Udomkichdecha