

TACT2011 International Conference Poster Paper Award

First Prize

Symposium	Abstract No.	Author Name	Organization	Title
A- Coatings for sustainable energy	A-024 F20110620040	<i>Jae-hyeong Lee, Takashi Sagawa, Susumu Yoshikawa</i>	Institute of Advanced Energy, Kyoto University	Optimization of bulk heterojunction for highly efficient spray coated polymer solar cells
	A-042 B20110618006	<i>Hsin-Yen Cheng, Jyh-Ming Ting and Yonhua Tzeng</i>	National Cheng Kung University	Co-sputter deposited a-C:H/Cr solar absorber coatings
B- Nanostructured and nanocomposite coatings	B-020 B20110620025	<i>I-Ju Teng, Hui-Lin Hsu, Sheng-Rui Jian, Li-Chun Wang, Kai-Ling Chen, Terry Tai-Jui Wang, Jung-Hsuan Chen, Wei-Hsiang Wang, and Cheng-Tzu Kuo</i>	National Chiao Tung University	Electrical properties and photo-sensing capabilities of laterally networked SWCNTs synthesized by a sandwich-grown method in MPCVD
	B-046 B20110618005	<i>Yojiro Yamamoto, Shiho Tokonami, Hiroshi Shiigi, Tsutomu Nagaoka</i>	GreenChem. Inc.	Green Electroless Plating for Conducting Microbead by Using Gold Nanoparticle
	B-048 B20110617010	<i>Muhamad Saipul Fakir, Khaulah Sulaiman</i>	University of Malaya	Organic Photovoltaic Devices with Soluble Phthalocyanine Thin Film
C- Optical, optoelectronic and dielectric coatings	C-073 C20110619003	<i>C. S. Yang, H. J. Huang, C.W. Chiu, J.S. Wang, and S.-R. Jian</i>	Tatung University	P-type behavior in Cu-Ga codoped ZnO epilayer grown by plasma-assisted molecular beam epitaxial
	C-125 C20110519019	<i>Yen-Lin Huang, Ying-Chieh Lee, Du-Cheng Tsai, De-Ru Jung, and Fuh-Sheng Shieu</i>	National Chung Hsing University	Effect of Annealing on Microstructure and Dielectric Properties of Zn₂Ti₃O₈ Thin Films by Reactive Co-sputtering
	C-080 C20110617010	<i>Jr-Sheng Tian, Chun-Yen Peng, Wei-Lin Wang, Yi-Sen Shih, Kun-An Chiu, Yen-Teng Ho, Ying-Hao Chu, and Li Chang</i>	National Chiao Tung University	Heteroepitaxial growth of semipolar (11$\bar{2}$$\bar{2}$) ZnO on LaAlO₃ / LSAT (112) substrate by pulsed laser deposition
	C-118 C20110520005	<i>C.H. Kim, J.H. Lee, H.S. Kim, M.W. Bin, W.J. Lee, N.W. Jang, Y.</i>	Korea Maritime University	The effect of deposition temperature on the growth of single phase Mg_{0.5}Zn_{0.5}O films on c-sapphire by pulsed

		<i>Yun</i>		laser deposition
D- Tribological and protective coatings	D-007 D20110620021	Ching-Yen Chung , <i>Yi-Chia Liao, Jyh-Wei Lee, Chia-Lin Li, Jinn P. Chu</i>	Ming Chi University of Technology	Electrochemical characterization of Zr-based thin film metallic glass in hydrochloric aqueous solution
	D-012 D20110620013	Chih-Chung Wu , <i>Yung-Chin Yang, Yu-Chu Kuo, Chaur-Jeng Wang, Jyh-Wei Lee</i>	National Taipei University of Technology	Performance of CrN and CrAlSiN coated H13 tool steels in molten A380 aluminum alloy
E- Biological coatings	E-015 F20110520022	Ying Zhao , <i>Guosong Wu, Paul K Chu, Kelvin W. K. Yeung</i>	The University of Hong Kong	Formation of Titanium Oxide Thin Film on Biomedical Magnesium Alloy by High Dose Titanium and Oxygen Dual Ion Implantation
F- General subjects related to thin films and coatings	F-043 F20110531001	<i>Jai-Lin Tsai, Hsueh-Wei Tai, Chiun-Shiuann Lin, Jian-Chiang Huang, Li-Hung Chen</i>	National Chung Hsing University	Magnetization variation in exchange coupled X/FePtAg (X=FePt/Fe or Fe/FePt) Trilayers
	F-052 F20110520007	Yoji Yasuda , <i>Masayuki Tobisaka, Kento Kamikuri and Yoichi Hoshi</i>	Tokyo Polytechnic University	Room temperature deposition of crystallized TiO₂ films by a reactive sputtering