

TACT2011 International Conference Poster Paper Award

Second Prize

Symposium	Abstract No.	Author Name	Organization	Title
A- Coatings for sustainable energy	A-041 A20110619002	<i>Yun-Shao Cho, Yin-Yu Chang, Shui-Yang Lien, Chia-Fu Chen</i>	MingDao University	Optimization of amorphous silicon thin film solar cell processes by using optical emission spectroscopy
	A-035 A20110620008	<i>Chih-Mau Lin, Yu-Kuei Hsu</i>	National Dong Hwa University	Electrodeposition of Zn_{1-x}Cu_xO Nanorods for Solar Hydrogen Applications
B- Nanostructured and nanocomposite coatings	B-056 B20110615004	<i>Hideobu Nakao, Hiroshi Shiigi and Yoshihiko Takeda</i>	National Institute for Materials Science	Simple Rote for Constructing Plasmonic 1D Nanostructures on a Solid Surface
	B-060 B20110612002	<i>Wan-Yu Wu, Jyh-Ming Ting</i>	National Cheng Kung University	Formation mechanism of sputter deposited self-assembled alternating layered metal containing hydrogenated amorphous carbon film
	B-099 B20110518022	<i>Jin-Seok Lee, Hyung-Ho Park, Ho Won Jang, Seok-Jin Yoon</i>	Yonsei University	Nanopore structural effect of TiO₂ xerogel film on carbon monoxide gas sensor
C- Optical, optoelectronic and dielectric coatings	C-061 F20110620006	<i>Yoichi Hoshi, Youji Yasuda, Shin-ichi Kobayashi, Takayuki Uchida, Yutaka Sawada, Hidehiko Shimizu</i>	Tokyo Polytechnic University	Changes in carrier injection properties of OLED by the sputter-deposition of Al electrode
	C-002 C20110627001	<i>Chun-Min Wang, Chun-Chieh Huang, Hao-Tung Lin, Pramoda K. Nayak, Jow-Lay Huang</i>	National Cheng Kung University	Investigation of pulsed ultraviolet laser annealing of Sb/SnO₂ thin films on the structural, optical and electrical properties
	C-171 C20110513001	<i>Ruey-Chi Wang, Chuan-Pu Liu</i>	National Cheng Kung University	Growth and Physical Properties of Cu doped ZnO thin films by Chemical Vapor Deposition, Hsin-Ying Lin
	C-018 C20110620050	<i>Chung-Wei Liu, Shoou-Jinn Chang, Chun-Chu Liu, and Kuang-Yao Lo</i>	National Chia Yi University	Inspecting the surface of implanted Si(111) during annealing by reflective second harmonic generation: the influence of the chamber pressure

D- Tribological and protective coatings	D-011 D20110620014	<i>Cheng-Yi Tong, Jyh-Wei Lee, Chil-Chyuan Kuo, Sung-Hsiu Huang, Yu-Chen Chan, Hsien-Wei Chen, Jenq-Gong Duh</i>	Ming Chi University of Technology	Effects of carbon content on the microstructures and mechanical properties of cathodic arc evaporation deposited CrCN thin films
	D-060 D20110513002	<i>Y. C. Chen, J. P. Chu, C. L. Li, C. W. Lee, C. W. Wu</i>	National Taiwan University of Science and Technology	Mechanical Property Evaluations on Zr-based Metallic Glass Thin Films: Sputtering Bias Effects
E- Biological coatings	E-016 E20110520003	<i>Chau-Chang Chou, Yi-Yang Wu, Jyh-Wei Lee</i>	National Taiwan Ocean University	Characterization and Haemocompatibility of Fluorinated DLC and Si Interlayer on Ti6Al4V
F- General subjects related to thin films and coatings	F-011 F20110620045	<i>Ko-Shao Chen, Hsin-Ming Wu, Shu-Chuan Liao, Shao-Hsuan Tsao, Shen-Wei Lin, Norihiro Inagaki</i>	Tatung University	The effect of gas flow direction on surface properties by plasma treating with methane and oxygen
	F-060 F20110518007	<i>Chun-Lung Hsiao, Xiaoding Qi</i>	National Cheng Kung University	Substrate-dependant phase stability and conductivity of LaNiO₃ thin films