

ANNUAL MEETING of PSROC 2016

中華民國物理年會 National Sun Yat-sen University, Kaohsiung, Taiwan



國立中山大學 2016 01.25-27

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Home

Login

+ Prior Notification
 行前通知

Welcome
 歡迎

News
 最新消息

Plenary Talk
 大會演講

Keynote Speaker
+ Program
 議程總覽

+ Activities & Events
 各類會議活動

+ Introduction
 關於大會

Online Registration
 線上報名

Abstract Submission
 摘要投稿

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 贊助廠商

+ Sponsors
 廠商參展資訊

Q&A
 線上問答

Search...

壁報論文獲獎名單

請壁報論文得獎者於1/27 (三) 14:50 至逸仙館找林育汝小姐。

壁報論文展示區將於1/27 (三) 12:40撤場，請盡速取回海報，謝謝。

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編號	姓名	標題	獎項
P1-NP 01 奈米科學/Nanophysics			
P1-NP-029	Packiyaraj Perumal	Mode controlled near-infrared laser action made with the composites of solution processed lead halide perovskite and dielectric nanospheres	優良
P1-NP-049	Maria Jessabel Talite	Highly Sensitive Bio-sensing based on Fluorescence/Delayed Fluorescence Lifetime of Biocompatible Nano-materials	優良
P1-NP-083	Chun Yu Hsu	Bound states of neighboring nodal adsorbates and conductance in metallic armchair graphene nanoribbons	優良
P1-NP-123	MAN-TING SHEN	Modulation of Surface Acoustic Waves in Graphene via Two Cross Interdigitated Transducers	優良
P1-NP-009	Pin-Chun Pan	Interface Engineering UV-visible Light Photodetector and Room Temperature Gas Sensor by Using Polycrystalline Structure TiO ₂ Nanofiber	佳作
P1-NP-013	Michelle Inciong	Enhancement of Photoluminescence in PAMAM Dendrimer by Incorporation of Graphene Quantum Dots.	佳作
P1-NP-021	Chun-Ming Fan Chiang	Gate-Tunable Current-Induced Spin Polarization In Ultra Thin Topological Insulators Film With Surface Gap Opening.	佳作
P1-NP-057	Wei Huan Chiang	Defect Creation Dynamics of Graphene through Scanning Probe Lithography	佳作
P1-NP-088	Yi-Zhe Hong	Tuning oxidation dynamics of graphene by scanning probe lithography	佳作
P1-NP-089	Jia-Wern Chen	Isotropic Perfect Absorber by VSRR and Sensor Application	佳作
P1-NP-101	Fan-Yun Chiu	Miniaturized Thermoelectric Power Generator	佳作
P1-NP-106	Chien-Ju Lee	Efficient single photon source based on an InAs quantum dot embedded in a hybrid waveguide structure	佳作
P1-SN1 02 半導體/Semiconductor			
P1-SN-023	Chih-Yang Lin	Effects of Varied Negative Stop Voltages on Current Self-compliance in Indium Tin Oxide Resistance Random Access Memory	優良
P1-SN-068	Tien-Kang Tsai	Kelvin probe force microscopy of monolayer MoSe ₂ - WSe ₂ lateral heterostructures	優良
P1-SN-074	ZONG-WEI LIN	Junction properties of MoTe ₂ transistors by scanning photocurrent microscopy	優良
P1-SN-008	Chang-Tai Hsiao	Transparent Conductive Graphene Electrodes for UVC LED	佳作
P1-SN-012	Chia Cheng Yeh	Enhanced ultraviolet electroluminescence in n-ZnO microspheres/ p-GaN thin film light-emitting diodes incorporating Au nanoparticles	佳作
P1-SN-017	Che-Wei Chang	Optical and electrical properties of AlGaIn/GaN HEMT heterostructures grown on sapphire substrate	佳作
P1-SN-062	Cheng-Hua Liu	Scaling behavior of the quantum Hall plateau-plateau transition in graphene p-n-p junctions	佳作
P1-SN-067	Cheng Chau Su	Particle assisted epitaxy of III-V nanostructures	佳作
P1-SN-087	Meng-Chia Hsieh	Graphene oxide as an effective barrier layer for improving power conversion efficiency of Cu ₂ ZnSn(S, Se) ₄ solar cells	佳作
P1-SN-092	Po-Yung Liao	Investigating Degradation Behavior of Hole-Trapping Effect under Static and Dynamic Gate-Bias Stress in a dual gate a-InGaZnO thin film transistor with etch stop layer	佳作
P1-MM 03 磁學與磁性材料/Magnetism and Magnetic Materials			
P1-MM-001	Chih-Hua Liu	Estimate The Spin Diffusion Length of ZnO Through Spin Pumping	優良
P1-MM-025	Chun-Wei Huang	Magnetic proximity effects on antiferromagnet-induced perpendicular magnetic anisotropy in Ni/Co/Mn/Co/Cu(100) films	優良

P1-MM-015	Po-Hsun Wu	Magnetic Interaction between Surface and Bulk YIG	佳作
P1-MM-038	Bo-Wei Wu	Observation of longitudinal spin Seebeck effect in ferromagnetic metal La _{0.7} Sr _{0.3} MnO ₃	佳作
P1-MM-045	Pei-Che Wu	High-Tc SQUID based low-field NMR/MRI for image examination and biomedical application	佳作
P1-MM-058	Paul Jian He Chong	Novel dynamic properties in Ho ₂ -xDyxTi ₂ O ₇ dipolar spin ice	佳作
P1-SE 04 超導與強關聯電子系統/Superconductivity and Strongly Correlated Electrons			
P1-SE-009	Liang Yu Hsiung	A Study Of Optical Pumped Hyperpolarized ³ He Gas In Low Field Magnetic Resonance Imaging	優良
P1-SE-008	CHIH-CHUNG HU	Doping evolution of Zhang-Rice singlet spectral weight: a more comprehensive examination by x-ray absorption spectroscopy	佳作
P1-SE-019	Yu-Ping Lin	Strong Disorder Renormalization Group on Disordered Ising Chain with External Fields	佳作
P1-OE 05 光學光電/Optics and Electro-optics			
P1-OE-018	Yi-Cheng Chen	Terahertz Emission Spectroscopy of Topological Insulator Sb ₂ Te ₃ thin film	優良
P1-OE-048	Joey P. C. Lin	High-efficiency Perovskite Hybrid Photovoltaic Devices by LPPET and Solution Process	優良
P1-OE-075	Yi-Hao Chen	Beyond scalar diffraction: polarization-controlled meta-hologram	優良
P1-OE-101	Yi-Jung Wang	Mode-locked Yb-doped fiber laser based on saturable absorber	優良
P1-OE-003	Sheng Hung Lin	Tunable characteristics of random laser from dye-doped twisted nematic liquid crystals within wedge cell	佳作
P1-OE-024	Ting-Yu Chen	Polarization State Generator Using Aluminum Plasmonics	佳作
P1-OE-045	Hsuan-Yin Chen	Ultrafast Carrier Dynamics in thin-films of the Topological Insulators Bi ₂ Te ₃ using Extremely Low Intensity	佳作
P1-OE-061	Ting Wei Liao	High quality factor Ta ₂ O ₅ based micro-ring resonator	佳作
P1-OE-065	Pei Ru Wu	Circular Polarization Spectroscopy with Chiral Metasurface	佳作
P1-OE-079	Meng-Ying Lin	Optical Tamm States in Cholesteric Liquid Crystal with Metasurfaces	佳作
P1-OE-123	Yu-Shu Lin	使用自組裝單分子薄膜作為成長石墨烯所需碳源之研究	佳作
P1-OE-129	Ting-Hui Chen	The polarization-independent phase gratings based on polymer-dispersed bluephase liquid crystals	佳作
P1-SS 06 表面物理/掃描探針顯微術/Surface Science			
P1-SS-038	Xiao Fuzhong	Well performance two-dimension bismuth-bilayer thin film growth on the Bi ₂ Se ₃ (0001).	優良
P1-SS-002	Po-Ya Yang	First-Principles Calculations Focusing on the 2DEG-like surface band of a Giant Rashba Semiconductor	佳作
P1-SS-004	Hao Yun Hsu	Study of Zinc oxide rod by using Imaging Ellipsometry technique and simulation program	佳作
P1-SS-035	Chun-Hsiang Chen	Local and atomic-scale observation of photoinduced doping at graphene-TiO _x heterostructures	佳作
P1-BS 07 生物物理/軟物質/Bio-physics and Soft Matter			
P1-BS-011	Hiroki Hagihara	Fast manipulation of single cells in microfluidic channel utilizing femtosecond laser-induced impulsive force 1: Laser energy and focus position dependency estimated by micro polymer particles	優良
P1-BS-026	Kuan-Ting Wu	Accumulation of microswimmers near a surface	優良
P1-BS-003	Po-Cheng Lin	Dynamics of Acoustically Levitated Drops: From Self-Excited Oscillation to Chaotic Shedding	佳作
P1-BS-012	Kai-Hsiang Tang	Cell motility: active gel coupled to adhesion sites.	佳作
P1-BS-047	Chia-Hsien Lin	Assembly Behavior of Magnetic Janus Particles in Electric Field	佳作
P1-BS-051	Wei Chien	DNA diffusion in attractive micro-post arrays under slit confinement	佳作
P1-SC 08 統計物理/計算物理/Statistical Physics, Computational Physics			
P1-SC-010	Christian Crisostomo	Predicted Growth of Two-Dimensional Topological Insulators Consisting of Hydrogenated III-V Thin Films on Si(111) Substrate	優良
P1-SC-013	Sung-Ping Chen	Prediction of Quantum Anomalous Hall Insulator in Functionalized GaBi Honeycomb	佳作
P1-QI 09 量子資訊與量子計算/Quantum Information and Quantum Computing			
P1-QI-004	Kai Lin Chao	Studies of Home-made Etalons for the Experiments of Flying Qubits	佳作
P1-MH 10 中高能物理/Medium and High Energy Physics			
P1-MH-022	Han-Sheng Li	Measurement of the Positron Fraction in Primary Cosmic Rays of 0.5–500 GeV with the Alpha Magnetic Spectrometer	優良
P1-MH-002	Pen Hsuan Wang	Search for excited electron in an electron and a photon final state in proton-proton collisions at $\sqrt{s}=13\text{TeV}$	佳作
P1-AG 11 天文重力/宇宙學/Astrophysics, Gravity and Cosmology			

P1-AG-004	Cheng Chen	A simulation of the gravitational and collisional interaction of Saturn's F ring with the shepherding moon, Prometheus, by elliptic restricted three-body calculation.	優良
P1-AG-056	Dani Chao	Cross-correlation of WISE galaxies with Planck CMB temperature sky maps	優良
P1-AG-009	Jia-Yu Ou	Refining period of a Mira in M33 with multi-band analysis.	佳作
P1-AG-022	Cheng-Wei Peng	Time Evolution of Magnetic Reconnection in Laser Produced Plasmas	佳作
P1-AG-029	Han-Yuan Chang	A LAMOST-Kepler spectrophotometric study of hyper flares of M dwarfs	佳作
P1-AP 12 加速器科技與物理/ Accelerator Physics and Technology			
P1-AP-001	Chao-Chin Wang	低溫永磁移頻磁鐵設計	優良
P1-PG 13 電漿/一般物理/ Plasma and General Physics			
P1-PG-026	Yu-Tong Kuo	Observation of Turing pattern in atmospheric microplasma	優良
P1-PG-008	Wen Wang	Structural Rearrangements in Sheared 2D Cold Dusty Plasma Liquids	佳作
P1-PG-032	Shi-Yau Wu	Low-loss and Broadband Ferrite Circulator	佳作
P1-AM 14 原子/分子/ Atomic and Molecular Physics			
P1-AM-007	Pauline Lai	Rydberg EIT with The Room-temperature Atoms	優良
P1-PT 15 物理教學/Physics Teaching			
P1-PT-002	YuHsien Lee	呈現作答結果與否對於實驗判斷的影響	佳作

[back](#)

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