

2014 年明志科技大學環境與資源國際研討會

2014 International Workshop on Environment and Resources

活動說明

- 一、 演講主題：為深化綠色化學、環境保護永續概念與材料應用，結合其優點並加速擴展與研發應用而籌辦本次研討會，透過與會學者專家之專業研討，期望在科技與創新指標之研究方法上能與國際同軌發展，同時建立國際相關研究主題之交流管道，歡迎對相關議題有興趣者報名與會。
- 二、 主辦單位：明志科技大學環境資源學院。
- 三、 研討會日期：103 年 5 月 16 日。
- 四、 研討會地點：本校綜合大樓一樓演講廳、圖資大樓一樓國際會議廳、第二教學大樓一樓演講廳。
- 五、 參加對象：全國大專院校教師及研究生。
- 六、 報名方式：報名者須於 103 年 5 月 14 日前上本校環資學院最新消息活動訊息中線上報名或填寫報名表並傳真至 (02)2908-4091，環資學院詹小姐收。
- 七、 線上報名：請連結環資學院網站在最新消息中公告 <http://coer.mcut.edu.tw/>。
- 八、 聯絡方式：環境資源學院詹秀璟小姐(shojy@mail.mcut.edu.tw)。
- 九、 交通資訊：請至環資學院網站最新消息查看交通資訊，本校有規劃臨停車區域供自行開車前往之報名者停車，但車位有限，且為本校共用停車位，故請提早入場，詳見線上報名網站資訊。
- 十、 詳情請上本校環資學院網站：<http://coer.mcut.edu.tw/>。

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May 16, 2014

[Program / 研討會議程表]

Time	Applications of Green Energy and Biotechnology/Biochemical Engineering 綠色能源及生化科技工程與應用組 (International Conference Room I) (第二教學大樓一樓演講廳)	Emerging Technologies for Environmental Sustainability 環境永續新穎技術 (International Conference Room II) (綜合大樓一樓演講廳)	Novel Materials and Fabrications for Advanced Applications 新穎材料之製備及先進應用 (International Conference Room III) (圖資大樓一樓國際會議廳)
08:30-08:50	Registration	Registration	Registration
08:50-09:00		Opening Speech	
09:00-09:50	Innovations of Battery Technology, from times of the Pharaohs to Tomorrow <u>Dr. Gregory Moore</u> Yardney Technical Products, Inc. USA	From Legacy Pollutants to Emerging Contaminants: Parts per Hundred to Parts per Trillion <u>Prof. Chad T. Jafvert</u> Lyles School of Civil Engineering, and Division of Environmental and Ecological Engineering, Purdue University USA	Ultimate Top-Down Process for Nanoscale Devices <u>Distinguished Prof. Seiji Samukawa</u> Tohoku University Japan
09:50-10:10	Refreshments	Refreshments	Refreshments
10:10-11:00	High Power Air Electrode Development <u>Dr. Jing-Dong Guo</u> Energizer Battery Company USA	Purifying Water and Valorizing Wastewater with Aqueous Catalytic Technologies <u>Prof. & Snoeyink Faculty Scholar Timothy J. Strathmann</u> Dept. of Civil & Environmental Engineering, University of Illinois at Urbana-Champaign USA	Multiple Metal (Plasmonic) nanostructures and novel carrier transport layers for high-performance organic solar cells <u>Prof. Wallace C.H. Choy</u> Dept. of Electrical and Electronic Engineering, University of Hong Kong China
11:00-11:50	Principle of Lithium Batteries and its Materials <u>Dr. YihSong Jan</u> EXA Energy Taiwan	Developing Urban Bio-refinery to Support Sustainable Waste Management in Highly Populated Cities <u>Prof. Shao-Yuan (Ben) Leu</u> Dept. of Civil and Environmental Engineering, Hong Kong Polytechnic University China	Polymer-assisted metal deposition (PAMD): a full-solution strategy for flexible, stretchable, compressible, and wearable metal conductors <u>Prof. Zijian Zheng</u> Dept. Institute of Textiles and Clothing, Hong Kong Polytechnic University China
11:50-13:30	Lunch	Lunch	Lunch
13:30-14:20	Exploring role of Nanobiotechnology in bioactives and biofuel production <u>Prof. Munish Puri</u> Bioprocessing Centre for Chemistry and Biotechnology Geelong Technology Precinct, Deakin University Australia	Renewable Resources for Lignocellulosic Bioethanol Production in Taiwan <u>Prof. Chun-Han Ko</u> School of Forestry and Resource Conservation, National Taiwan University Taiwan	Organic Electronics Materials for Green Applications <u>Ph.D. Chung-Chin Hsiao</u> Polyera Taiwan Corp. Taiwan
14:20-14:40	Refreshments	Refreshments	Refreshments
14:40-15:30	A Nanostructured Molecular Assembly in Ionic Liquids as a Novel Medium for Biocatalysis Reactions <u>Prof. Masahiro Goto</u> Center for Future Chemistry; Dept. of Applied Chemistry Graduate School of Engineering, Kyushu University, Fukuoka Japan	Environmental Fates of Engineered Nanomaterials: The Role of Sunlight Exposure <u>Prof. Wen-Che Hou</u> Dept. of Environmental Engineering, National Cheng Kung University Taiwan	Nanodiamond for Bio and Medical Applications <u>Prof. Chia-Liang Cheng</u> Dept. of Physics, National Dong Hwa University Taiwan
15:30-16:20	Engineering aspects on microalgae-based biofuels production and biorefineries <u>Distinguished Prof. Jo-Shu Chang</u> Center for Bioscience and Biotechnology; Dept. of Chemical Engineering, National Cheng Kung University Taiwan	Is Lead in Your Tap Water? Pathway, Detection and Control <u>Prof. Yi-Pin Lin</u> Graduate Institute of Environmental Engineering, National Taiwan University Taiwan	A Sustainable Direction for Industrial Development <u>Ph.D. Chien-Yung Ma</u> Solar Applied Materials Technology Corp. Taiwan
16:20-17:00	Discussion & Banquet	Discussion & Banquet	Discussion & Banquet

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報名表

姓 名		手 機	
服務單位		職 稱	
e-mail			
報名組別	☐ 綠色能源及生化科技工程與應用組(第二教學大樓一樓演講廳) ☐ 環境永續新穎技術綜合大樓一樓演講廳) ☐ 新穎材料之製備及先進應用(圖資大樓一樓國際會議廳)		
供應餐點	☐ 葷食 ☐ 素食		
備註： 1. 活動內容：詳見本校環資學院最新消息公告。 2. 活動時間：103 年 5 月 16 日。 3. 活動地點：明志科技大學第二教學大樓一樓演講廳、綜合大樓一樓演講廳、 圖資大樓一樓國際會議廳。 4. 報名費：免費 (提供講義/午餐/茶點)。 5. 報名截止日期：103 年 5 月 14 日。 6. 主辦單位：明志科技大學環境資源學院。 7. 聯絡人：明志科技大學環境資源學院 詹秀璟。 e-mail：shojy@mail.mcut.edu.tw 電話：02-2908-9899 #4600 傳真：02-2908-4091 8. 報名表請回覆至 shojy@mail.mcut.edu.tw			