



**METS 2012**

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**CALL FOR US SESSION CHAIRS & SPEAKERS**  
**24th Modern Engineering & Technology Seminar 2012**  
**(METS 2012)**  
**November 11-14, 2012**  
**Taipei, Taiwan**

Ladies and Gentlemen:

On behalf of the Chinese Institute of Engineers, USA (CIE/USA), we would like to solicit qualified session speakers for the 24th Modern Engineering & Technology Seminar (METS) scheduled for November 11-14, 2012, in Taipei, Taiwan.

First established in 1966 jointly by CIE/USA and CIE/Taiwan, METS is a once every two-year event that invites engineers and scientists in the US and Taiwan together a conference in Taipei. These series of seminars and workshops have successfully promoted technology exchanges between the US and Taiwan, and mutually benefited members of the technical societies on both sides.

CIE/USA is a professional non-profit and non-political organization founded in 1917 in New York by a group of Chinese engineers who were educated in the US and worked at various US industries. During the past decades, CIE/USA has grown into a 5000+ member technical society includes seven local chapters throughout the US.

Based on over 46-years' tradition of METS, CIE/USA is collaborating again with CIE/Taiwan this year to organize "METS 2012". The program includes seminar sessions and panel discussions. Overall goal is to facilitate interactions among scientists and engineers from US and Taiwan.

The METS 2012 US Organizing Committee would like to officially announce the call for papers and US session speakers for the following six(6) major sessions (please see page 3 for session subtopics):

- 1. Renovation of Modern Municipalities**  
(現代化都市更新)
- 2. Sustainable Environmental Technology**  
(永續環境科技)
- 3. EV Transportation System and Service**  
(電動化運輸系統與服務)
- 4. Cloud Computing and Application and Service**  
(雲端運算之應用與服務)
- 5. Digital Education and Learning**  
(數位化教育學習)
- 6. High Value-Added Chemical Industry**  
(高值石化產業)



**METS 2012**

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Each Session will have one session chair plus up to 2 speakers for selected subtopics. The session chair is also required to deliver a paper. All technical papers shall be prepared and published in English, but oral presentations and discussions are to be conducted in Mandarin. Pending on the available translation, English presentations need the approval from CIE/Taiwan. Round-trip airfare and accommodation during the conference period in Taiwan will be provided.

If you are an expert in the areas indicated in the list of sessions and willing to participate the full scheduled event, please follow the instructions below to e-mail the completed forms back to **Dr. Jun-Min Liu**, METS2012 Administrator :

1. A **one-page** Abstract of your proposed paper and **one-page** brief biography (CV) in English for the session you are interested in by **June 1, 2012**.
2. A final selection decision will be made by CIE/Taiwan. The selected speakers will be notified by METS 2012 US Committee by **July 15, 2012** with a paper template attachment. The Paper of **6-8 pages** long is due by **August 30, 2012**.
3. Two templates/forms (Abstract and BIO/CV) are attached in this invitation for your use. For any further questions, please contact **Dr. Jun-Min Liu**, METS 2012 Administrator or one of the METS 2012 committee members.

Your submission materials shall be in Microsoft Word format with letter size paper (8.5"x11"), 1.375" margin from all sides, font size of 16 for title and of 12 for the rest. **For the selected speakers, your full paper of 6-8 pages will need an approval from your company or institution prior to the METS official publication. A release form will be provided to you in completing such company approval process. In addition, to attend the METS meetings, any form of commercial and product promotional activities are strictly prohibited.**

Your assistance in sharing this announcement with your colleagues is greatly appreciated. METS 2012 U.S. Organizing Committee looks forward to hearing from you soon.

Sincerely Yours,

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## **METS 2012 SESSION SUBTOPICS:**

- 1. Renovation of Modern Municipalities (現代化都市更新)**  
**(Three speakers will be selected from the theme above)**
  
- 2. Sustainable Environmental Technology (永續環境科技)**
  - a) 節能減碳前瞻科技
  - b) 海水淡化技術
  - c) 環境調適科技
  
- 3. EV Transportation System and Service (電動化運輸系統與服務)**
  - a) 電動化運輸系統對能源與環境影響評估
  - b) 產業與技術發展的挑戰
  - c) 系統與服務運行推動作法
  
- 4. Cloud Computing and Application (雲端運算之應用與服務)**  
**觀光 (One speaker will be selected from the list below):**
  - a) 智慧旅遊創新服務發展之雲端科技運用
  - b) 觀光遊憩地區導入智慧創新交通服務之應用
  - c) 雲端觀光：綠色低碳旅運服務**醫療(Two speakers will be selected)**
  
- 5. Digital Education and Learning (數位化教育學習)**  
**(Three speakers will be selected from the list below)**
  - a) 教育用電子書內容產業發展
  - b) 教育雲端服務系統與應用
  - c) 數位學習產業發展機會與趨勢
  - d) 文創與典藏產業應用實例探討
  - e) 悅趣學習與數位匯流服務技術
  - f) 教育用電子書技術研究
  
- 6. High Value-Added Chemical Industry (高值石化產業)**  
**(3 speakers will be selected from the list below)**
  - a) Industrial Catalysis & Processing
    - i. Trend
    - ii. Development of polyolefin catalysts
    - iii. Development of 高分子氫化催化技術
  - b) 光電有機材料之發展與布局
    - i. Developments in AMOLED, photovoltaics, and LED lighting
    - ii. Taiwan's opportunities and strategic plan
    - iii. Processing technologies of optoelectronic polymers
  - c) High Performance Rubbers
    - i. Recent development
    - ii. Compounding and applications
  - d) 高性能有機膜材之開發與應用
  - e) Biomass Based Chemicals and Polymers
    - i. Global development of technologies and applications

- ii. Commercialization aspect
  - iii. Development strategy
- f) Engineering Plastics
  - i. Business trend
  - ii. Technology trend
  - iii. Taiwan's opportunity
- g) 高效電池之開發與其在移動載具之應用
- h) 石墨碳材之開發及應用
  - i. Graphene, carbon fiber or electrode carbon

(Continued on next page)

## GUIDELINES FOR THE PREPARATION OF THE MANUSCRIPT

A. B. Author<sup>1</sup>, C. D. Author<sup>2</sup>

1. Author's Affiliation, e.g., Chief Scientist, ASE Global Corp., New York, USA, email: abauthor@aseglobal.com
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### ABSTRACT

This MS Word template provides guidelines for the ABSTRACT manuscript preparation for publication in the CDROM proceedings of the Modern Engineering & Technology Seminar (METS) 2008. In order to ensure uniform style throughout the proceedings, authors are advised to prepare the paper strictly according to the instructions set below. The paper should be formatted on 8.5" X 11" page and typed in a one-column format with one inch margin on top, bottom, right side and left side. The text should fit exactly into the type area. Title of the Paper should be in the style of Arial, Bold face, 16 point, All Caps, Centered. Author Name should be in the style of Arial, Bold face, 12point, Centered. Author address & email should be in the style of Times New Roman, 12point. The contents of ABSTRACT should be entered using Times New Roman 12 point font size, Justified. The author should select four keywords to supplement the title to reflect the subject matter. Please submit 1 page ABSTRACT by June 15. Page numbers should not be inserted on the file. The manuscript will appear unedited in the METS proceeding, therefore it is essential that it is error free.

*Keywords:* guidelines, manuscript, CDROM, Tables

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**Please submit the manuscript as an E-mail attachment to: (by June 1, 2012)**

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Space reserved  
For 2" photo.

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**Address:**

**Phone:**

**Email:**

**Education:**

**Experience:**

**Affiliation or Company Name:**

**Present Position:**

**Specialty:**

**Selected Publications and Patents:**

**Social Activities and Honors:**

(Margin for left, right, top, and bottom: 1in, font: Times New Roman, 12 point, 1 page, do not insert the page number)

(上下左右邊界均為2.54cm。中文以標楷體、英文數字等以Times New Roman，12點，左右對齊。以一頁為限，請勿編頁碼)

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**Please submit your CV as an E-mail attachment to (by June 1, 2012):**

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