[Call for Student Posters/徵求摘要] – EITA-New Materials 2019

The EITA-New Materials 2019 (the 16th Emerging Information and Technology Conference) will be held on Wednesday-Thursday, September 11 and 12, 2019 at the Department of Photonics, College of Electrical and Computer Engineering, National Chiao-Tung University, Hsinchu, Republic of China (Taiwan). The conference theme of the EITA-New Materials 2019 is "**Recent Research Advances in New Materials, Nanotechnology, Healthcare, New Energy and Sustainable Smart Manufacturing: Challenges, Opportunities and Future Directions.**"

The main objectives of the EITA-New Materials 2019 are:

- to provide a platform for researchers, engineers, academicians as well as industrial professionals from all over the world to present their research results and development activities in "**New Materials, Nanotechnology, Healthcare, New Energy and Sustainable Smart Manufacturing**",
- to provide opportunities for the venture community to discuss, understand and evaluate the state-of-the art in cutting edge business and technology solutions,
- to bring together emerging and established entrepreneurs, current industry leaders, and policymakers to discuss innovation and disruption over the next decade.

We look forward to your submissions and to seeing you in September, 2019 at National Chiao-Tung University, Hsinchu, Republic of China (Taiwan).

Purposes for Poster Session:
In order to attract more graduate students and young researchers to participate in the EITA-New Materials 2019, the organizing committee of the EITA-New Materials 2019 has added "**Student Poster Competition**" to the conference program and welcomes poster abstract submissions on any topic related to "**New Materials, Nanotechnology, Healthcare, New Energy and Sustainable Smart Manufacturing**".

Poster Abstract Topics:
Relevant topics include but are not limited to:
- Emerging Technologies and Applications in Materials for Healthcare and Medicine: Bio-Materials, Bio-SoC, Bio-Nanotech, Bio-NEMS/Bio-MEMS, Biomedical Optics and Imaging, Biomedical Engineering and Systems, Biomedical Informatics, Mobile Health, Virtual Reality (VR) and Healthcare
- Emerging Technologies and Applications in Electronic, Photonic, and Magnetic Materials, Ceramic Materials, Metallurgy and Materials, Organic Polymer, Soft Materials, and Computational Materials
- Emerging Technologies and Applications in New Energy Materials and Devices, Perovskite, Power Electronics, Smart Energy Systems and Technologies (SEST), Smart Homes, Smart Buildings, and Smart Communities, Energy Storage and Utilization, Clean/Intelligent Vehicle Technologies, and Artificial Intelligence (AI) Applications in New Materials and Energy
- Smart Tools and Smart Services, Smart Machines, and Sustainable Smart Manufacturing for the Future: Vision, Strategies, and Implementation (Big Data and Intelligence, Advanced Sensors, Autonomous Robots, Robotic Process Automation, Smart Machines (Devices), Simulation, Horizontal and Vertical System Integration, Smart Cities, Smart Supply Chain Management and Logistics 4.0, 5G Wireless Mobile Technology, Internet of Things (IoT), Cyber-Physical Systems, Cybersecurity, Additive and Advanced Manufacturing, Digital Manufacturing, Augmented Reality and Cloud Technologies)

Abstract Submission Site:
Poster abstracts for consideration should be one page and please click on the "**Submit Abstract**" link to access the EasyChair abstract submission site.

The student poster abstract template is available at the **Call for Student Posters** folder. Please download it to draft your abstract.

Abstracts must be submitted via this EasyChair abstract submission site (**link**). Faxed or emailed abstracts will not be considered.

Abstract Selection and Presentation:
The committee will review all submitted poster abstracts. Notification regarding abstract acceptance and scheduling will be sent to the submitting author.

Please note, for each accepted poster abstract, one of the authors has to present their works as poster in the "**Student Poster Competition**" session.

Poster Competition Awards:
Competition award winners will be selected based on the following criteria: novelty and importance of the research, the technical quality of the posters, and presentation of posters.

Cash awards are presented for first- ($XXX) and second-place ($XXX) posters presented at the Poster Competition Session.

Key Dates/Deadlines:
- Abstract submission open: January 1, 2019
- Abstract registration deadline: August 4, 2019
- Abstract submission deadline: August 4, 2019
- Conference: September 11-12, 2019

Conference Homepage
http://www.eitc.org/welcome-to-eitc/conferences/eita/eita-venture-community/eita-venture-forum/year-2019/eita-new-materials-2019

The EITA-New Materials 2019 (第16屆新興資訊和科技會議)將於2019年9月11至12日於國立交通大學電機學院光電系舉行。本次會議主題為 "Recent Research Advances in New Materials, Nanotechnology, Healthcare, New Energy and Sustainable Smart Manufacturing: Challenges, Opportunities and Future Directions.「新材料，奈米技術，醫療保健，新能源和永續智能製造的最新研究進展：挑戰，機遇和未來方向"。The EITA-New Materials 2019舉辦的主要目標：希望藉由此會議為來自世界各地的研究人員、工程師、學者等專業研究人士及研究生們提供一個平台，在「新材料、納米技術、醫療保健，新能源和可持續智能製造」的主題中展示研究成果，也希望能為風險投資界提供機會，討論，理解和評估尖端科技和技術解決方案的最新技術，並匯聚新興和現有企業家們及政策制定者，共同探討未來十年的創新和顛覆世界的最新光電與相關之技術與學理。。

為了吸引更多研究生或年輕學者的參與此會議，今年度特別舉辦「學生學術海報競賽」，一方面讓同學們有一個平台可以分享自己的研究成果，一方面也可以聽取各方的意見，甚至建立起自己的學術網絡。因此

歡迎各位同學的投稿與參與競賽，將提供獎學金鼓勵優秀的研究成果。摘要以一頁為限，並上傳至 **EasyChair (link)**。任何與「新材料，奈米技術，醫療保健，新能源和永續智能製造」相關主題的研究皆歡迎投稿。所有投稿摘要，將由大會議程委員審查。被接受的摘要，至少要有一位作者報名註冊會議，並至現場解說。海報獎的評選，由海報研究內容與演講者的答辯作為評選依據。

研討會網站
http://www.eitc.org/welcome-to-eitc/conferences/eita/eita-venture-community/eita-venture-forum/year-2019/eita-new-materials-2019