

ACT2017(2nd Asian Conference on Thermoelectrics)のお知らせ (8月京都で開催の IUMRS-ICAM2017 の熱電シンポジウム A-5)

今年、武漢のICT2016/ACT2016で日中韓を中心にアジア熱電連盟(AAT)が立ち上がりましたが、正念場の2年目の行事として、日本主催の、ACT2017(2nd Asian Conference on Thermoelectrics)が、次のように開催されますので、奮ってご参加下さい。

2017年の8月27日～9月1日に京都(京都大学吉田キャンパス)で開催される IUMRS-ICAM2017のA-5熱電シンポジウムという形で開催されます。

<http://www.iumrs-icam2017.org/>,

<http://www.iumrs-icam2017.org/program/forums.html>

今年ICT2016/ACT2016の武漢でもとても好評だった、若手、中堅研究者奨励のためのAAT独自の行事であるAAT SummerSchoolも、8月27日の1時から開催される予定です(詳細なプログラム、会場は決まり次第告知)。

どうぞ奮ってご参加ください。

日程: 2017年8月27日～9月1日

場所: 京都大学吉田キャンパス

詳細: 2ページ目資料、<http://www.iumrs-icam2017.org/>,

<http://www.iumrs-icam2017.org/program/forums.html>

Symposium A-5. Thermoelectric materials for sustainable development – ACT2017 (AAT)

Kyoto University, Japan Aug. 27 (Sun) - Sep. 1 (Fri), 2017

<http://www.iumrs-icam2017.org>

IMPORTANT DATES

Abstract Submission Due
Feb. 28, 2017

Notification of acceptance
Mar. 20, 2017

Early bird registration due
Jun. 20, 2017

Online registration closes
Aug. 14, 2017

ORGANIZING COMMITTEE

Representative: P. Mele (Muroran IT, Jp.), D. Narducci (U. Milano Bicocca, It.)

Correspondence: M. Ohta (AIST, Jp.) K. Biswas (JNU Bangalore, India)

Organizers: T. Mori (NIMS, Jp.) M. Ohtaki (Kyushu U., Jp.) K. Miyazaki (Kyushu IT, Jp.) T. Takeuchi (Toyota IT, Jp.) R. Funahashi (AIST, Jp.) H. Nishikawa (Kindai U., Jp.) T. Endo (Mie U., Jp.) F. Gascoin (CRISMAT-ENSI Caen, Fr.) L. Chen (Shanghai I. Ceram., CAS, Chn.) W. S. Seo (Korea Inst. Ceram. Eng. Tech., Kr.) N. Van Nong (T. U. Dk.) J. R. Morante (IREC, Barcelona, Sp.)

Designed by S. Horii

CALL FOR PAPERS

SCOPE: Thermoelectric materials are able to directly convert thermal energy wasted in plants, car engines, etc. into electrical energy. This feature is considered as highly promising to reduce mankind's dependence on nuclear power and fossil fuels, and eliminate greenhouse gas emissions. However, the path for practical applications of thermoelectrics appears still long. This symposium aims to bridge the gap between materials science and applications of thermoelectric materials.

This symposium will be partially supported by AAT (Asian Association of Thermoelectrics) in promotion of cooperation between thermoelectric researchers in Asia. It will be endorsed by THO (Team Harmonized Oxides, Japan) and AIT (Italian Thermoelectric Society).

A one-day intensive school on material science and engineering of thermoelectrics will be organized by AAT as a pre-conference event of IUMRS-ICAM 2017 in Kyoto

TOPICS OF INTEREST:

1. New thermoelectric compounds
2. Correlation between material structure and thermoelectric properties
3. Bulk thermoelectric ceramics, oxides and chalcogenides
4. Bulk thermoelectric alloys and intermetallics
5. Organic and polymeric thermoelectrics
6. Thermoelectric thin films, multilayers and nanocomposites
7. Theory and modelling
8. Thermal transport and thermal conductivity
9. Applications and devices based on thermoelectric materials
10. Standardization and metrology

INVITED SPEAKERS (TENTATIVE):

K. Suekuni (Kyushu U., Jp.) L. Zhao (Beihang U., Chn.) K. Kovnir (UC Davis, USA) In Chung (Seoul Nat. U., Kr.) P. F. P. Poudeu (U. of Michigan, USA) E. Guilmeau (CRISMAT, Fr.) Y. Grin (Director MPI-CPfS, Ger.) J. He (S U Sci. Tech., Chn.) I. Terasaki (Nagoya U., Jp.) S. Aminorroaya-Yamini (U. Wollongong, Aus.) P. Jood (AIST, Jp.) S. N. Lee (Korea Inst. Ceram. Eng. Tech., Kr.) C. Wan (Tsinghua U., Chn.) M. Karpinen (Aalto U., Fi.) H.-Ul. Habermeier (Max-Planck Inst. Solid St. Res., Ger.) H. Ohta (Hokkaido U., Jp.) U. V. Waghmare (JNCASR-Bangalore, India,) M.-W. Oh (Hanbat Nat. U., Kr.) and more!