

2nd International Conference on
**Frontiers in Nano Science,
Technology and Applications**
December 20-22, 2014

FiNSTA'14

<http://www.finstaa.org/>

Venue

Sri Sathya Sai Institute of Higher Learning,
Prasanthinilayam, A.P., India



Endorsed by

MRS

Materials Research Society

S I N G A P O R E

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For educators, by educators

ABOUT

Nanotechnology is at the forefront of technological discussions, debates and developments as scientists, policy makers and entrepreneurs endeavor to fully harness its unlimited capabilities and unleash a broad range of novel utilities. Despite having a myriad of well established scientific and technological tools and processes at its disposal, exploration into the nanotechnology realm has been limited. Researchers with open minds, meticulous ability and willingness to think out-of-their-box are needed to facilitate advances in various disciplines by amalgamating their ideas into new theories and products that can potentially improve our lifestyle in the 21st century. Yet, at the same time, researchers must be cognizant of the possibility of nanomaterials endangering our health and environment and act in a responsible manner while striving for scientific advancements. Such concerns have led to a debate among advocacy groups and governments on whether special regulation of nanotechnology is warranted. A regulatory road map describing steps to deal with these shortcomings has to be identified and implemented. Despite these potential concerns, the nanotechnology market is growing and is predicted to create revenues of over 1 trillion dollars per annum by 2015. Over 1300 manufacturer-identified nanotech products are publicly available, with new ones hitting the market at a pace of 3–4 per week. The task of converting basic discoveries into safe marketable products for societal benefit is the need of the hour.

FⁱNSTA'14 is the second in the series of conferences intended to be held every year at different locations across the globe to bring together the international community from diverse areas of the nano-research to showcase the cutting edge research to the stakeholders, and aid the ongoing process of developing and extending the collaborative vision through emerging research partnerships. The conference is intended for all stakeholders of nano-research, and in particular for its practitioners, researchers, teachers and students.

FOCUS AREAS

- Energy
- Environment
- Life Sciences
- Medicine
- Scalable Manufacturing
- Modeling
- Photonics
- Smart Materials

VENUE

The venue Sri Sathya Sai Institute of Higher Learning is a beacon for integral education. Its founder Chancellor Sri Sathya Sai Baba says “This Institute will be a temple of learning where youth are shaped into self-reliant, contented and enterprising heroes of action and self-sacrifice, for the purpose of serving humanity”.

The nearest airport is Bangalore (BLR) International airport. If you are coming by rail, you need to alight at Sri Sathya Sai Prashanthi Nilayam (SSPN) station.

IMPORTANT DATES

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| Abstract Submission deadline | July 31, 2014 |
| Acceptance of abstracts | August 15, 2014 |
| Full manuscripts | September 15, 2014 |
| Acceptance of full manuscripts | October 15, 2014 |
| Copyright form and final manuscript submission | October 15, 2014 |
| Registration of authors* | September 30, 2014 |
| Registration deadline | October 30, 2014 |
| Conference | December 20-22, 2014 |

REGISTRATION

Registration of presenting and participating delegates is mandatory. Please note that there is **no registration fees for participating in FiNSTA'14**. The registration is only to confirm the participation for logistic purposes. The registration module shall be accessed through the conference website <http://www.finstaa.org> as a separate link. Participants are strongly encouraged to complete the registration process and submit online before the registration deadline as mentioned in the earlier section

PRESENTATIONS AND PUBLICATIONS

The conference will host plenary, invited and contributory speakers from the international research community. All oral presentations are by invitation only. Please read more about poster awards in the separate section below.

Manuscripts of papers presented at this conference shall be published in indexed and peer-reviewed journals and proceedings. It is not mandatory to submit a full manuscript, however, authors are highly encouraged to submit their manuscripts and help bring out a collection of important papers in a single volume. Information on the manuscript submission will be made available on the conference website.

Accepted manuscripts shall be published either in a peer-reviewed journal or FiNSTA proceedings depending on the number and quality of submitted manuscripts. Those manuscripts that are considered for journal publication shall be reviewed independently by the editorial board of the respective journals, the communication of which will be sent directly to the authors.

POSTERS AND POSTER AWARDS

All posters need to be prepared in a legible format. Posters need to be a maximum size of 100 cm width with a length of maximum 120 cm. Posters which do not cater to 100 cm X 120 cm dimension will not be acceptable.

Posters are evaluated and ranked according to their content and presentation quality. The ranked posters will be awarded three prizes. The poster awards are sponsored by the Materials Research Society (MRS), Singapore.

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- Professor K Venkataramaniah, SSSIHL, India
- Dr S Siva Sankara Sai, SSSIHL, India
- Professor M Muruganant, CDC, Australia

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Dr Srikanth Nadadur, USA

PLENARY SPEAKERS

Dr Jared M Brown, USA
Dr Y Y Chen, Taiwan
Dr Chiara Daraio, Switzerland
Prof Morinobu Endo, Japan
Dr Anne Kahru, Estonia
Dr Tata Narasinga Rao, India
Prof M Seehra, USA
Prof Ajay Sood, India
Dr Koji Sugioka, Japan
Prof M K Wu, Taiwan

KEYNOTE SPEAKERS

Dr V Mohan, India
Dr Reji Philip, India
Prof S Sampath, India
Prof Qihua Xiong, Singapore

SECRETARIAT

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What the head thinks, should be examined critically in the heart and this right decision should be carried out by the hands. This should be the primary product of the educational process.

Sathya Sai Baba