

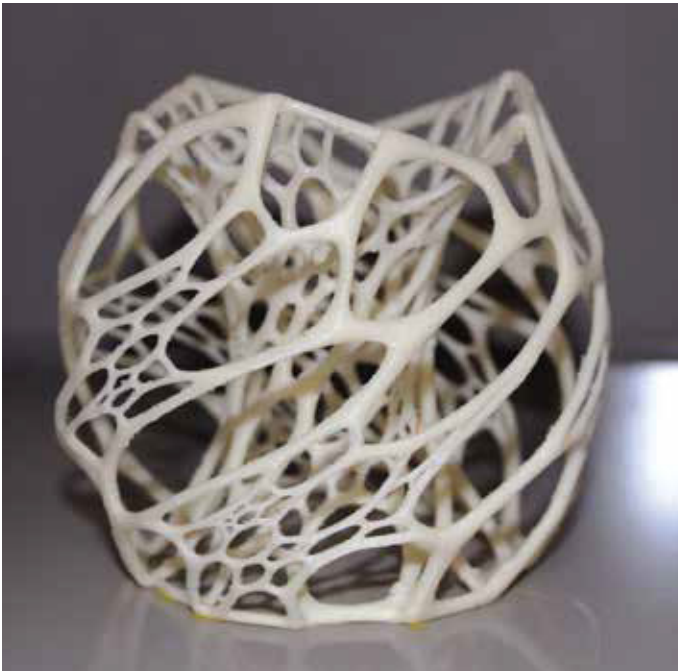
INTERNATIONAL SYMPOSIUM ON DIGITAL FABRICATION

2-3 MARCH, 2015
IIT HYDERABAD

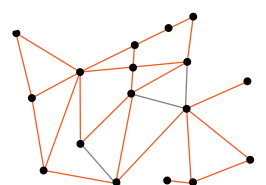
ORGANIZED BY



INTERNATIONAL SYMPOSIUM ON DIGITAL FABRICATION



Digital Fabrication processes create objects by material addition instead of removal. Paired with Computer-Aided Design (CAD) tools, digital fabrication facilitates the creation of new types of objects with unique geometrical and material properties, which cannot be created using conventional means. Advances in materials, electronics, modelling interfaces, and material distribution over the last two and half decades have vaulted digital fabrication from a simple method for producing three-dimensional prototypes to a viable option for low-volume manufacturing of components ranging from bio-materials to titanium parts to foods to prosthetics. Our objective is to take digital fabrication to a much broader and multifaceted level. We call this Things-2-Bytes-2-Things (TBT). This brings together researchers and developers from a large number of disciplines: Mechanical Engineering, Material Science, Electrical Engineering, Computer Science, Physics, Biomedical Engineering, Civil Engineering, Chemistry and many more. As a first step in that direction, IIT Hyderabad, Keio University, Japan (Research Project "COI-T Innovation for Creating a Better Life") and Deakin University, Australia are organising a symposium at IIT Hyderabad on the theme of "Digital Fabrication".



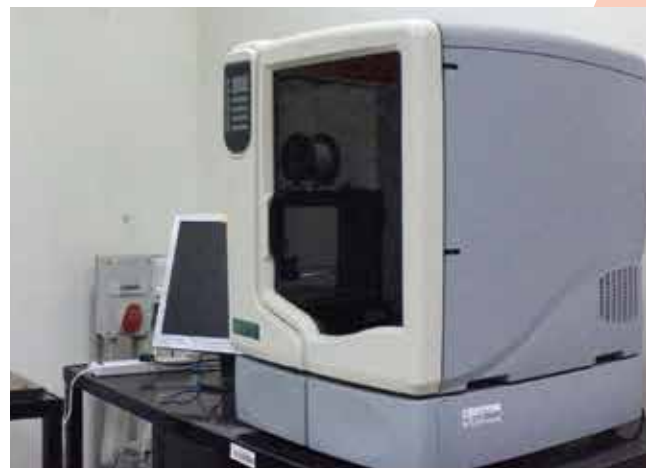
INVITATION AND CALL FOR PAPERS



Prospective authors are invited to submit extended abstracts in the area of Digital Fabrication. Potential topics include, but are not limited to:

- Additive Manufacturing
- Data formats and Communication
- New materials and processes
- Scaling effects in Digital Fabrication
- Design for Digital Fabrication
- Internet of Things (IOT) in Digital Fabrication
- Embedded Systems in Digital Fabrication
- Applications of Digital Fabrications (edibles to bio-implants)

Prospective participants are invited to email their extended abstract, not exceeding 500 words to isdf15.abstracts@iith.ac.in. The selected abstracts will be included in the abstracts booklet and also given space for Poster Presentation during the symposium. The decision on the abstracts will be communicated by **February 05, 2015**.



Important Dates

Last date for abstract submission,
January 25, 2015

Acceptance of abstracts, **February 05, 2015**

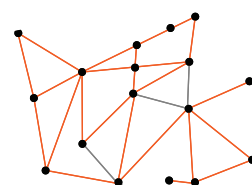
Symposium, **March 2-3, 2015**

PATRONS

Prof. Jun Murai
(Dean of the Faculty of Environment and Information Studies, Keio University, Japan)

Prof. Guy Littlefair
(Dean of Engineering and Head of School, Deakin University, Australia)

Prof. U. B. Desai
(Director, IIT Hyderabad, India)



International Advisory Committee

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Dr. Shrikant V. Joshi (Additional Director, ARCI, Hyderabad)

Dr. U. Chandrasekhar (Secretary & Director General, IE(I) & Director, ESCI)

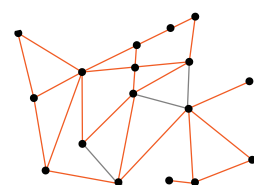
Prof. K.V. Raghavan
INAE Distinguished Professor, Scientist Emeritus and Former Director, IICT Hyderabad

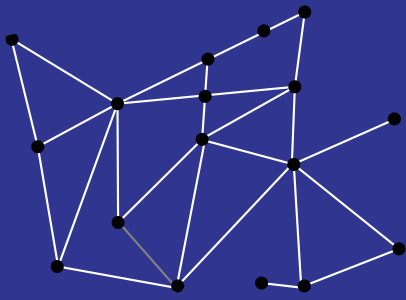
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Prof. Ian Gibson (*Deakin University*)
Prof. Venkata Reddy (*IIT Hyderabad*)

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