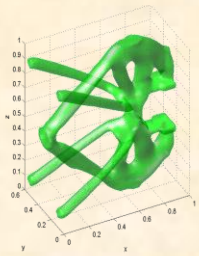

Call for Abstracts:

New Horizons in 3D Printing and Digital and Additive Manufacturing

September 29-30, 2014 at Stony Brook University, New York

- **Location: Charles B. Wang Center**
- **Hotel: Hilton Garden Inn Stony Brook** (Tel: 631-941-2980. Please make reservations using http://hiltongardeninn.hilton.com/en/gi/groups/personalized/I/ISPSBGI-EXCEL-20140928/index.jhtml **by August 29th** to receive the conference rate.)
- **Sponsor:** ***The New York State Network of Excellence in Materials and Advanced Manufacturing***

To catalyze the formation of collaborations with academia and industry, and explore the promise of 3D printing and digital and additive manufacturing, we are seeking abstracts (of published or unpublished results as well as reviews) for presentations in the following areas:

- advances in materials science and engineering, related to additive manufacturing and 3D printing
- bioprinting for the synthesis of tissue, implants, and biomedical devices
- technology design and advancement for 3D printing and additive manufacturing, from the nano to the macro scale
- nanocomposite materials and structures formed via 3D printing/additive manufacturing
- applications of 3D printed structures for sensors, flexible and/or wearable electronics, energy systems, robotics, environmental and sustainable engineering, infrastructure, and clothing and artistic pieces
- emerging industrial needs and opportunities
- STEM education involving 3D printing/digital and additive manufacturing

Please submit abstracts by **August 31st, 2014**, and please indicate whether the submission is for (a) oral presentation or (b) student posters. Abstracts should be up to one page (250 words) in length, and may be in Word or pdf format. Up to two support pages of additional information may also be submitted to aid in the abstract selection. Notifications regarding acceptances will be sent by e-mail by September 4th, 2014.

Please email your abstract (and any questions) to: Dr. Gary Halada, Department of Materials Science and Engineering, Stony Brook University, Stony Brook, NY 11794-2275 Email: gary.halada@stonybrook.edu.

Register by September 8th for the early bird rate of $50 (students $30 – registration for student presenters will be waived, but please register on the first page at the website in any case).

A limited number of seats are also available for the conference dinner on September 29th. Register for both at**: https://naples.cc.sunysb.edu/secct/sbfevents.nsf/network**

Additonal information (including our program and invited speakers) will be posted at:
http://sunynetworksofexcellence.org/new-horizons-in-3d-printing-and-digital-and-additive-manufacturing
and at **http://liaec.aertc.org/events.htm**

Stony Brook University

Images from Computational Modeling Analysis and Design Optimization Research Laboratory, Stony Brook University: (top left) integrated topology optimization and additive manufacturing of soft robotics; (top right) multifunctional tireless wheel based on auxetic metastructures (Shikui Chen, Department of Mechanical Engineering, SBU)

SUNY RF The Research Foundation for The State University of New York