

Makers' Symposium

Friday, April 1, 2016

Keene State College

Sustainable Product Design and Innovation Program (SPDI)

Regional Consortium for Advanced Manufacturing (RCAM)

Agenda

- 8:45 AM We strongly suggest arriving 15 minutes early to park. Please refer to the KSC campus map for parking options, including the lower Winchester St. lot with a shuttle bus to campus. Parking will be relaxed, which means you may park in any legal parking space.
- 9:00 – 9:45 Arrival at the **KSC Technology, Design & Safety (TDS) Center**
Corner of Winchester St. and Blake St.
- Coffee and informal gathering – Hub of the TDS Center
 - Working demonstrations in three SPDI labs of CAD/CAM, manual and CNC operation, 3D printing, woodworking
- 10:00 – 10:30 Keynote presentation - **Doug Webster** – The Generator in Burlington, VT
- 10:30 – 11:15 Panel discussion
- **Clint Crosby** - PortCityMakers – Portsmouth, NH
 - **Adam Allard** - Autodesk- Boston Build Space
 - **Laura Jamison** - WRENS – Coos & Grafton County NH
 - **Josh Bushueff** - Twinstatemakerspaces – Claremont, NH evolving
 - **Ed Guyot** - Partner, John Burk & Associates
 - **Jack Dugan** - Monadnock Economic Development Corporation
- 11:15 – 11:30 Break
- 11:30 – 12:10 Break-out sessions and leaders:
- **Laura Jamison** - WRENS
 - **Alex Nunn** - PortCityMakers
 - **Johnny Bolster** - Make It So: The Monadnock Makerspace
 - **Roy Schlieben** - Monadnock Art X Tech
 - **Phil Suter** - Greater Keene Chamber of Commerce
 - **Taylor Caswell** - Community Finance Authority
 - **Zach Williams** - Twinstatemakerspaces
 - **Lew Barnes** - Kapiloff Insurance
 - **Mary Ann Kristiansen** - Hannah Grimes
 - **George Hansel** - Filtrine, Keene City Council
- 12:10 – 12:30 Report back and follow-up discussion
- 12:30 – 1:30 Lunch will be provided, with presentations and Q&A about several community approaches to makerspaces
- **PortCityMakers** - Portsmouth, NH
 - **WRENS** - Coos County NH
 - **Twinstatemakerspaces** - Claremont, NH evolving space
 - **Autodesk** - Boston Build Space
- 1:30 – 2:00 Wrap -up

Our goal for the day - is to build awareness and enthusiasm within the greater Keene community about the culture of “making” that can support the needs of KSC graduates, provide a greater base of skilled artisans and makers for industry and a vibrant creative center for the area.

Focus of Keynote:

The importance and impact of makerspaces to support innovation and business development in communities. How The Generator in Burlington, VT evolved to meet the needs of the community.

Discussion points for Panel Discussion:

- How did your maker space get started?
- What are some of the major organizational issues and operational challenges in starting up a makerspace?
- How did you structure your organization and how does it work?
- Consider the regional business, financial, cultural and creative influences that have shaped making in your community.
- What sources of funding did you target?

Topics for Break-out Sessions:

User / Community:

- Who wants to use a makerspace and Why?
- How would you define of a makerspace (incubator, hobby, community meeting, artists)
- What competence and skills would you like to develop (Education & Certifications)?
- What would you need in a Maker Space; studio space, build space, tool and equipment access, meeting space, teaching space, other?
- Would you use a Tool library for borrowing tools
- What technologies are needed for Makers both analog and digital resources
- Facilities:
 - What are the space needs, i.e. square footage, access, types of equipment, type of building?
 - Location – best for member access, zoning issues, etc.
 - Space layout – spaces for individuals, tools, materials, build space

Business Plans:

- How could a Makers Space support its community?
- Membership models - which ones work?
- Renting studio space or build space, what are the logistics?
- External funding – grants and other funding methods for start-up and on-going operations
- Operational Management – people, budgets, materials, supplies, hours of operation, access, etc.
- Teaching courses – in-house and outreach to educational community
- Organizing and implementation of Educational and Certification offerings
- Other management issues?