

How to Make a Makerspace: Schedule of Events

10 Tyler Street, Somerville MA, 02143

February 1st-3rd, 2013

Friday, February 1st:

- **4:30 PM: Shuttle Service Begins**
 - Shuttle service from the Sheraton Commander begins, leaving the Sheraton Commander on the half-hour.
- **4:30 – 7:30 PM: Registration, Meet & Greet, Tours of Artisan's Asylum**
 - The conference venue opens and the registration process begins. Guests are welcome to bring luggage and stow it at the venue if they have not had a chance to check in at the hotel. Tours will be available.
- **7:30 PM: Dinner**
- **8:00 PM: Keynote Presentation**
 - Dale Dougherty, cofounder of O'Reilly Media and CEO of Maker Media, Inc., is giving our keynote presentation on what makerspaces are and why they're so critically important.
- **9:30 PM: Doors Close**
- **10:00PM: Shuttle Service Ends**
 - The last shuttle departs from Artisan's Asylum for the night.

Saturday, February 2nd:

- **7:00 AM: Morning Shuttle Service Begins**
 - Shuttle service from the Sheraton Commander begins, leaving the Sheraton Commander on the half-hour.
- **8:00 AM: Doors Open**
 - The conference venue opens for the day, coffee is available. Registration continues for new attendees.
- **9:00 – 10:30 AM: Panel Session 1**
- **10:00 AM: Morning Shuttle Service Ends**
 - The last morning shuttle departs from the Sheraton Commander.
- **10:45 AM – 12:15 PM: Panel Session 2**
- **12:15 – 1:00 PM: Lunch**
- **1:00 – 2:30 PM: Panel Session 3**
- **2:45 – 4:15 PM: Panel Session 4**
- **4:30 – 6:00 PM: Panel Session 5**
- **6:00 PM: Dinner**
- **6:00 PM: Evening Shuttle Service Begins**
 - The first evening shuttle departs from Artisan's Asylum.
- **7:00 PM: Informal Storytelling**
- **7:00 PM: CEMI Interactive Multimedia Lab**
 - Social mixer and electronic music/digital art event held in the Artisan's Asylum multipurpose room and social area. Recommended donation of \$5 for CEMI, the producers of the event.
- **9:30 PM: Doors Close**
- **10:00 PM: Shuttle Service Ends**
 - The last evening shuttle departs from Artisan's Asylum for the night.

Saturday Panel Discussions

Panel	Location	Title	Description	Panelists
1	1 (Startup)	Identifying and Rallying Your Community	How do the demographics of your local community affect your makerspace? How do you get people interested in the idea of a makerspace? How can you rally your community to help start and populate your space?	Gui Cavalcanti (Artisan's Asylum) Matt Oerhleim (i3Detroit) Jim Newton (TechShop) Benjamin Linder (Olin College) Stephen Houdlette (City of Somerville)
	2 (Sustainability)	Makerspace Business Plan Workshop	Are you ready to jump into nitty gritty details? This workshop will compare and contrast the minute-but-important details of makerspace business models; panelists will help you flesh out and think through your own business plans.	Molly Rubenstein (Artisan's Asylum) Alex Bandar (Idea Foundry) Mike Hord (Hack Factory) Andrea Foertsch (Melrose Real Estate) Dale Grover (Maker Works)
2	1 (Startup)	Comparative Makerspace Business Models	What's the big-picture view of makerspace business models? How do they make money and where does the money go? How do expenses change depending on location, and how do they stay the same across spaces?	Gui Cavalcanti (Artisan's Asylum) Alex Bandar (Idea Foundry) Alec Resnick (sprout) Matt Oerhleim (i3Detroit)
	2 (Sustainability)	Special Topics in Makerspace Education	Most makerspaces offer some adult classes, but some take their educational program further. Two examples of this are spaces that offer youth oriented classes and spaces that have strict testing and training regimen for their tools. Learn about these special topics and more in this panel.	Molly Rubenstein (Artisan's Asylum) Katie Gradowski (Parts and Crafts) Dale Grover (Maker Works) Casey Shea (Analy High School) Benjamin Linder (Olin College)
3	Cafeteria (All)	Finding Money, Tools, and Space	Starting any makerspace requires a bunch of money, the right tools, and an appropriate space. However, these fundamental challenges can be extremely difficult to overcome. Learn creative solutions for these problems from industry experts and hear about easy ways to bootstrap a space. Makerspaces can be shut down by building inspectors, fires, lawsuits and more. These are very real and dangers; several makerspaces had their doors closed in the past year alone. Learn the ins and outs of building codes, insurance, and liability, plus hear about how one space successfully overcame being nearly shut down.	Gui Cavalcanti (Artisan's Asylum) Andrea Foertsch (Melrose Real Estate) Stephen Houdlette (City of Somerville) Tom Connery (Trivium Management) Jim Newton (TechShop)
4	Cafeteria (All)	Building Code, Insurance, and Liability		Gui Cavalcanti (Artisan's Asylum) Adam Shrey (MakeIt Labs) Benjamin Linder (Olin College) Gretchen Greene (Ropes & Gray, LLP) Stephen Houdlette (City of Somerville)
5	1 (Startup)	The Role of Education in Makerspaces, and Vice Versa	Classes in makerspaces aren't just a nice-to-have; they're often an essential source of revenue and a key mechanism for attracting new members. On the flip side, makerspaces are also influencing education across the board, from local communities up through established universities. Come learn more about both sides of the coin.	Carolyn Emberley (Artisan's Asylum) Chris Rogers (Tufts University) Benjamin Linder (Olin College) Lindsay Levkoff (Sparkfun) Alec Resnick (sprout)
	2 (Sustainability)	Cat Herding 101: Governing a Makerspace	How are decisions made in your space? Who decides which tools to buy, how to lay out shop spaces, or what classes and programs to pursue? These are complex questions with a variety of answers. Come hear about the pros and cons of a several different approaches.	Molly Rubenstein (Artisan's Asylum) Aaron Falk (Artisan's Asylum) Matt Oerhleim (i3Detroit) Mike Hord (Hack Factory) Jimmie Rodgers (Multiple)

Sunday, February 3rd:

- 7:00 AM: **Morning Shuttle Service Begins**
 - Shuttle service from the Sheraton Commander begins, leaving the Sheraton Commander on the half-hour.
- 8:00 AM: **Doors Open**
 - The conference venue opens for the day, and coffee is available.
- 9:00 AM – 12:15 PM: **Makerspace Teacher Workshops**
- 10:00 AM: **Morning Shuttle Service Ends**
 - The last morning shuttle departs from the Sheraton Commander. This is the last shuttle service provided by the conference; we would be more than happy to store your luggage at the venue if necessary.
- 12:15 – 1:00 PM: **Lunch**
- 1:00 – 2:30 PM: **Vendor Fair**
 - Meet a number of vendors of kits, tools, and more who are here to create relationships with you, the organizers of future spaces.
- 2:30 – 6:00 PM: **Breakout Sessions**
 - Self-organize and have informal discussions about whatever interests you! Proposed discussions include discussing incorporation (both non-profit and for-profit), makerspaces in university settings, appropriate information technology, the gender gap, demonstrating maker activities with kids, and more. White boards, tables and chairs will be available for reconfiguration!
- 6:00 PM: **Dinner**

Sunday Makerspace Teacher Workshops

<u>Location</u>	<u>Title</u>	<u>Description</u>	<u>Participants</u>
1	Modern Educational Theory and Makerspaces	How do students learn best, especially in makerspace classrooms? What separates a good teacher from a great teacher? How do you train teachers? Makerspaces can provide some of the most enriching educational experiences around – how can we take advantage of that? Join this group in discussing modern educational theory, and participate in demonstrative, student-led learning exercises.	Chris Rogers (Tufts) William Church (Tufts) Lindsay Levkoff (Sparkfun) Benjamin Linder (Olin College) Molly Rubenstein (Artisan's Asylum)
2	Microcontrollers for Educators	This class is designed to give a basic foundation to start working with students in a programming and engineering setting using the Arduino, the Sparkfun Inventor's Kit, the LilyPad Development Board, E-Textiles, the Simon Kit and the Processing language. Join Sparkfun in taking an abridged version of their new teacher-training workshops, designed to prepare teachers in the fields of programming and electronics.	Sparkfun Electronics