



October 10 & 11, 2015

Nova Place, Buhl Community Park  
& Children's Museum of Pittsburgh

## 2015 Maker Faire Pittsburgh Makers Featured at Media Event 9/21/15: Nova Place

**Autopods, Inc:** A microtransport pedicab that provides taxi services, advertising solutions and vehicles for sale for personal or business use.

**Chatham University's Center for Women's Entrepreneurship and Falk School for Sustainability:** Solar cooker demonstration.

**Control Freak:** Modified children's toys and custom electronic experimental musical instruments.

**Creativity and Literacy Program:** A "Makey makey" is attached to a kitchen utensil to produce music.

**DIY Arduino Claw Machine:** Claw machine with directional and claw grip control.

**Fabnik:** Hand stitching and DIY wallet kits.

**First Robotics:** High school robotics teams with some of their 120 lb robots that will compete in fast paced robotics games at Maker Faire Pittsburgh.

**Guitarbot:** A four-string robotic slide guitar-like instrument... It works autonomously, playing music composed for the instrument or generated algorithmically by computer.

**Hack to the Future:** HackPittsburgh's custom built power wheels sized racecar.

**Haxbox:** Accessible video game controller.

**"Hot Air" Engines:** Small, homemade, scratch-built "low temperature" engines that can run on body heat alone.

**Learn Basic Electricity:** A demonstration that uses a switch that reverses a motor direction, a "3-way" switch lighting a single light by activating either switch, and the use of a variable resistor (potentiometer) to vary the speed of the motor.

**MAKEShop:** Giant building blocks and loom demonstration.

**Montour STEAM Camp:** A LEGO replica of the new elementary school.

**PieceMaker:** With a few swipes of a finger, kids (young and old) can customize a toy, tag or accessory and watch the piece come to life in under half an hour using a 3D printer and touchscreen.

**Pop Craft:** How to make LED origami and concrete candleholders.

**Reach - Controlling Technology With Natural Motions:** A glove that allows you to use your arms in virtual reality video games or control a computer with your hands.

**RealBotics:** Remote control cupcake launcher and alpha tank.

**Spin Art with Handmade Arcade:** Upcycled spin art machine.

**Spin to Begin - the Creative Reuse Challenge:** Small scale version of the Maker Faire Pittsburgh interactive exhibit.

**Turtle Mail by AEDreams:** Thermal printing, Wifi connected wooden mailbox for children to receive messages from loved ones or from subscribed content.