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STMicroelectronics Boasts Fast Prototyping Tools for Tinkerers, Hobbyists, Engineers at Rome Maker Faire

IoT one-stop shop delivering STM32 MCUs, Sensors, Analog, Power, and Connectivity shares solutions and ecosystem to cut Time-to-Market

Rome, Italy – 16 October 2015 – STMicroelectronics (NYSE: STM), a global semiconductor leader serving customers across the spectrum of electronics applications, announced today that it is exhibiting its development ecosystem and many products suited to the exciting and fast-growing Maker movement at the Maker Faire in Rome, Italy, Oct 16-18 at “La Sapienza” University of Rome in tent G. Among the attractions at the ST booth is Gordon Williams, the developer of Espruino, which is an STM32 microcontroller with a complete embedded JavaScript tool-chain.

Dedicated to innovation, Maker Faire stimulates and showcases creativity and inventiveness to create market opportunities with a fun and innovative formula. With a portfolio and approach that simplifies the creation of Smart Things and speeds prototyping, ST features a broad ecosystem of products and tools that accelerates product development and reduces time-to-market. Specifically, ST will bring to Maker Faire Rome its STM32 Ecosystem with ARM® mbed support and STM32 Open Development Environment along with its STM32Cube.

At its Maker Faire booth, ST will host Gordon Williams, who used the STM32F1 development board, with 128Kbytes of flash and 8Kbytes of RAM, to create Espruino, a tiny computer running a JavaScript interpreter that further reinforces ST’s efforts to accelerate prototyping and time-to-market. Espruino is currently being used in small robots, in education in the UK for teaching students about Control Systems, and in BBC’s R&D labs, for prototyping new devices.

Among the demos ST will show cloud and sensor telemetry via its STM32 Nucleo development boards, sensors, and connectivity products. It will also showcase its STM32 Discovery Kits, including its STM32F469 board with graphics capabilities,

STM32L0 with ultra-low power, and STM32L4 with ultra-low power consumption and high performance. The STM32 Open Development Environment, which supports plug-and-play development, provides the full range of capabilities to Sense, Connect, Power, Drive, Move, Actuate, and Translate; everything makers need to release their creativity.

ST will hold two free workshops on “Getting started with ST's STM32 Nucleo boards and ARM mbed on-line development environment.” Attendees, who are encouraged to bring their computer and smartphone, will start coding immediately on available STM32 Nucleo developer boards and expansion boards, along with access to professional-grade libraries for more advanced functionality using sensors and RF. Held in English and Italian, the workshops take place on October 16 from 3:00pm to 4:00pm and on October 18 from 2:45pm to 3:45pm in Room 9.

To highlight the value of the STM32 development ecosystem, ST is also hosting at its booth the winner of its MFR15 design contest. Johannes Taelman, from Belgium, used an STM32F4 Discovery board to quickly prototype a complete digital audio platform for makers. Now a finished product, “Axoloti” lets musicians design digital audio algorithms and sketches that can be played on any MIDI instrument.

For more details on ST at the Rome Maker Faire:

<http://www.st.com/web/en/event/maker-faire-rome>

About STMicroelectronics

ST is a global semiconductor leader delivering intelligent and energy-efficient products and solutions that power the electronics at the heart of everyday life. ST's products are found everywhere today, and together with our customers, we are enabling smarter driving and smarter factories, cities and homes, along with the next generation of mobile and Internet of Things devices. By getting more from technology to get more from life, ST stands for life.augmented.

In 2014, the Company's net revenues were \$7.40 billion, serving more than 100,000 customers worldwide. Further information can be found at www.st.com.

For Press Information Contact:

STMicroelectronics
Laura Sipala
Director Media Relations, Italy
+39 039 603 5113
lauragrazia.sipala@st.com