

New Ideas,
New Connections

Design & Manufacturing

A Design News Event | NEW ENGLAND

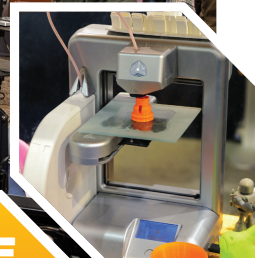
EXPOSITION & EDUCATION:

May 6-7, 2015

Boston Convention & Exhibition Center | Boston, MA



**FREE
EXPO
PASSES
INSIDE!**



DM-NewEngland.com

Use Source Code 'SAVE75' when registering online to ensure FREE expo admission.

Register today!

Features At-A-Glance

New and exciting products, technologies, suppliers, education, and show features!

- **CONNECT FACE-TO-FACE** with hundreds of leading suppliers and service providers offering fresh insights and solutions.
- **SEE CUTTING-EDGE TECHNOLOGY** in the forefront at Design & Manufacturing New England. View the materials, methods, and devices that are revolutionizing the industry.
- **TRY SPEED NETWORKING** to establish new connections and build relationships with your industry peers.
- **HEAR FROM THE INDUSTRY'S BRIGHTEST STARS** on emerging technology in two theaters on the expo floor.
- **DISCOVER THE LATEST WIRELESS INNOVATIONS** at the comprehensive one-day conference on interoperability, mobile, data concerns, and more.
- **INCORPORATE 3D PRINTING INTO YOUR DESIGN** with a 90-minute session on 3D printing for medtech on the first day of the event, or the all-day program on the second day.
- **CONTROL YOUR RISK WITH ASQ QUALITY TRAINING** — learn best practices for modern manufacturing.

Bonus!

Every interaction at Design & Manufacturing New England is a chance to discover something new. Find inspiration and new ideas in electronics, design, plastics, and more!

One Badge = All Six Shows



The Embedded Systems Conference is being held at Design & Manufacturing New England. This two-day conference is the only educational event that provides highly practical, technical training for anyone involved in the product development of embedded processors.

Visit **EmbeddedConf.com** for complete details.



“I was able to meet a number of competitive vendors, learn their capabilities and gain insights to satisfy our requirements for a number of applications, through face-to-face conversations. There is no way I could have gained that much information that quickly via any electronic media.”

—Martin Sklar, CEO, **AblaCor Medical Corporation**

“Great event for networking and finding suppliers. Content and booths were very good.”

—Jon Montcrieff, Sr. Advanced Mfg Engineer, **CR Bard**

“Had a great time at the show this year! It was interesting seeing the new technologies out there as well as technologies I have not been involved or aware of.”

—Bill Howes, Senior Engineer, **Parker Hannifin**

“Always a worthwhile event, with a broad array of suppliers and technologies to learn about and people to connect with.”

—Phil Nachman, President, **Nachman BioMedical**

Dates and Hours:

Wednesday-Thursday

May 6–7, 2015

10:00 A.M.–4:00 P.M.

Registration opens at 8:00 A.M.

Location:

Boston Convention Center & Exhibition Center
415 Summer Street, Boston, MA 02210

Travel and Hotel:

For travel discounts, hotel reservations, and more, visit DM-NewEngland.com

Produced and Managed by:

UBM Canon
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\$75 expo registration fee will be waived.

Please note that the conference and seminar sessions
have additional fees.

Plus share the free passes below with your colleagues.

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Free as Part of Your Expo Registration



Nowhere will you find more industry professionals under one roof than at a major event like Design & Manufacturing New England. Thousands attend, allowing you the opportunity to reach your next customer, supplier, new hire, and more. But how do you connect with the right people at a busy show?

Last year a special Speed Networking event was held at Design & Manufacturing New England. The event was so popular we've brought it back for 2015. This high-impact, structured event enhances your networking opportunities by matching you up with relevant professionals according to your preferences. It's easy, it's fun, and it's free! You will be sent information about the Speed Networking event after pre-registering online for Design & Manufacturing New England.



Attend one of the many great presentations being held at the
theaters on the expo floor.

Here is a preview of what you can expect in this year's theater:

- ▶ Choose from multiple presentations each day
- ▶ Take a guided tour of the expo during our Innovation Tours
- ▶ Listen to technology and product briefs from suppliers showcasing the newest solutions and innovations

 **DM-NewEngland.com**



Add to Your Expo Registration

Attend Educational Sessions Providing The Latest Medtech Trends, Innovations, And Training

We've booked some of the top industry experts from Massachusetts and across the country to speak at this year's Design & Manufacturing New England event. Education content includes...

- A one-day conference on wireless medical device technologies
- A one-day conference on employing 3D printing technologies
- A full day of quality training, led by the American Society for Quality
- Two fast paced yet thorough medtech sessions, on device design and 3D printing, each running under 2 hours

SOME SESSIONS CAN BE BOOKED INDIVIDUALLY, AND SOME REQUIRE AN ALL-DAY EDUCATION PASS.

See the next page for details.

BOOK BY
APRIL 3RD
AND **SAVE
\$200!**



Expert Speakers Include



Ruth Cheng, Ph.D.,
Director of Innovation,
SMITH & NEPHEW



Nias Puthenveetil,
CTO,
SIEMENS HEALTHCARE



Phil Raymond,
*Wireless Architect & Global
Network Product Manager,*
PHILIPS HEALTHCARE



Nadav Sella,
*Senior Manager of
Manufacturing Tools,*
STRATASYS



Stuart Williams Ph.D.,
*Director, Bioficial
Organs Program,*
UNIVERSITY OF LOUISVILLE

Create a Custom Education Agenda

DAY 1: Wednesday, May 6, 2015

10:00 A.M. - 11:45 A.M.	1:00 P.M. - 2:30 P.M.	2:45 P.M. - 4:00 P.M.																	
QUALITY WORKSHOP: CREATING AN INNOVATIVE ENVIRONMENT AND ISO UPDATES 	INNOVATIONS IN 3D PRINTING FOR MEDICAL DEVICES: NEW MATERIALS, PROTOTYPING TO MANUFACTURING, AND ADVANCES IN BIOPRINTING 	DISRUPTIVE INNOVATION IN MEDICAL DEVICE DESIGN: DESIGNING FOR SIMPLICITY 	QUALITY WORKSHOP: CREATING AN INNOVATIVE ENVIRONMENT AND ISO UPDATES 																
Key Elements for Creating an Innovative Environment Creating an innovative environment requires a strategy, commitment, and a little bit of pain. Three key elements for fostering innovation include a relentless commitment to quality and continuous improvement, a collaborative culture that empowers engagement and supporting tools that capture ideas and enable experimentation. Attendees will learn how FMC Technologies has harnessed these elements and overcome barriers to evolve into an award-winning innovative company. Tamara Viles, Knowledge Management Specialist, FMC TECHNOLOGIES, INC. Kim Glover, Manager of Knowledge Management; FMC TECHNOLOGIES, INC. Attend with Day Pass Only	The next steps in how 3D printing is transforming medical device manufacturing Scott DeFelice, President & CEO, OXFORD PERFORMANCE MATERIALS Nadav Sella, Senior Manager of Manufacturing Tools, STRATASYS Stuart Williams, Ph.D., Director, Bioficial Organs Program, UNIVERSITY OF LOUISVILLE Development of an advanced 3D printed scaffold for skeletal reconstruction Scott DeFelice, President & CEO, OXFORD PERFORMANCE MATERIALS Accelerating Medical Device Development through 3D Printed Injection Molding Nadav Sella, Senior Manager of Manufacturing Tools, STRATASYS The realities and myths of building 3D printed body parts Stuart Williams, Ph.D., Director, Bioficial Organs Program, UNIVERSITY OF LOUISVILLE Attend with Session or Day Pass	ISO 9001:2015- An Overview of the Changes – Part 1 This presentation summarizes the changes contained in the ISO 9001:2015 standard. This presentation outlines the specific requirements that have changed and the rational for each of these changes. The changes made are intended to help your ISO 9001:2015 management system achieve its business objectives as well as achieve customer satisfaction. Ben Ames, Vice President, AQS MANAGEMENT SYSTEMS Mark Ames, President, AQS MANAGEMENT SYSTEMS Attend with Day Pass Only	Designing the next user-centric medical device and finding the balance between complexity and user capability Craig Scherer, Senior Partner and Co-founder, INSIGHT PRODUCT DEVELOPMENT Sean Corrigan, Director of Engineering, INSIGHT PRODUCT DEVELOPMENT PANEL DISCUSSION: Innovating in a changing marketplace: Designing with reimbursement in mind Ruth Cheng, Ph.D., Director of Innovation, SMITH & NEPHEW Amy Siegel, Founder, S2N HEALTH Robert Charles, Director and Principal, FARM DESIGN Attend with Session or Day Pass	ISO 9001:2015 - An Overview of the Changes – Part 2 This presentation summarizes the changes contained in the ISO 9001:2015 standard. This presentation outlines the specific requirements that have changed and the rational for each of these changes. The changes made are intended to help your ISO 9001:2015 management system achieve its business objectives as well as achieve customer satisfaction. Ben Ames, Vice President, AQS MANAGEMENT SYSTEMS Mark Ames, President, AQS MANAGEMENT SYSTEMS Attend with Day Pass Only															
Hurry, Ends April 3rd! Education Session Pricing <table><tr><td>Individual Sessions</td><td>1 Day All-Access Pass</td><td>2 Day VIP All-Access Pass</td></tr><tr><td>Early Bird</td><td>\$179</td><td>\$449</td><td>\$699</td></tr><tr><td>Pre-Show</td><td>\$199</td><td>\$499</td><td>\$799</td></tr><tr><td>Onsite</td><td>\$299</td><td>\$599</td><td>\$899</td></tr></table>					Individual Sessions	1 Day All-Access Pass	2 Day VIP All-Access Pass	Early Bird	\$179	\$449	\$699	Pre-Show	\$199	\$499	\$799	Onsite	\$299	\$599	\$899
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Pre-Show	\$199	\$499	\$799																
Onsite	\$299	\$599	\$899																

Secure Your Space Today

DAY 2: Thursday, May 7, 2015

10:00 A.M. - 11:45 A.M.

WIRELESS MEDICAL DEVICES: PRODUCT DEVELOPMENT IN A HIGHLY REGULATED ENVIRONMENT

State of the industry panel: balancing standards, risk and hospital requirements

Michelle Jump, RAC, M.S., Regulatory Affairs Associate Analyst, STRYKER CONNECTED CARE

Russell Johnson, EE, Regulatory Affairs Manager, HEARTWARE, INC.

Rick Hampton, Wireless Communications Manager, PARTNERS HEALTHCARE SYSTEM, INC.

Business paradigms for bringing wireless devices to market

Nias Puthenveetil, Director-CTO, R&D, SIEMENS HEALTHCARE -

The future of medical device battery and power systems: Trends impacting device features

Prabhakar Tamirisa, PhD, Principal Scientist, Battery Research & Technology Group, MEDTRONIC ENERGY AND COMPONENT CENTER

Attend with Day Pass Only

INNOVATIONS IN 3D PRINTING PART 1: LATEST TRENDS AND INTEGRATION REALITIES

Successfully using 3D printing in manufacturing to shorten the product cycle

Latest trends in 3D printing - impacts of 3D on design and manufacturing

Anthony Vicari, Research Associate, LUX RESEARCH

Tools enabling 3D printing in rapid prototyping

Panel Discussion:



Donovan Weber, COO, FORECAST3D



Anthony Vicari, Research Associate, LUX RESEARCH



Diran Apelian, Alcoa-Howmet Prof. of Engineering, WORCESTER POLYTECHNIC INSTITUTE

Attend with Session or Day Pass

1:00 P.M. - 2:30 P.M.

WIRELESS MEDICAL DEVICES: MEETING PLATFORM AND INTEROPERABILITY REQUIREMENTS

Surviving the wild west of wireless platform development in a highly regulated environment

Anura S. Fernando, Principal Engineer—Medical Software & Systems Interoperability, UL

Controlling regulatory risk when developing wireless and mobile medical devices

Phil Raymond, Wireless Architect and Global Network Product Manager - Connected Care Solutions, PHILIPS HEALTHCARE

Hospital interoperability panel: Avoiding crosstalk in an increasingly complex setting

Ken Fuchs, Executive VP - Interoperability R&D, CENTER FOR MEDICAL INTEROPERABILITY

James C. Fackler, MD, Associate Professor, Departments of Anesthesiology/Critical Care Medicine and Pediatrics, JOHN HOPKINS MEDICINE

Julian Goldman, MD, Medical Director of Biomedical Engineering, Partners HealthCare System and Director, MGH MEDICAL DEVICE INTEROPERABILITY PROGRAM

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INNOVATIONS IN 3D PRINTING PART 2: SUPPLY CHAINS AND LOCKHEED MARTIN'S VIEW ON THE FACTORY OF THE FUTURE

The impact of 3D printing on supply chains

Jim Joyce, Specialist Leader-Supply Chain Practice, DELOITTE CONSULTING

Additive manufacturing capabilities: Costs and benefits of internal vs outsourcing

Mark Sivak, Academic Specialist-Interdisciplinary Experience Design, NORTHEASTERN UNIVERSITY

Large additive manufacturing transitioning to the factory of the future



Slade Gardner, Fellow—Advanced Manufacturing and Materials, LOCKHEED MARTIN SPACE SYSTEMS COMPANY

Attend with Session or Day Pass

2:45 P.M. - 4:00 P.M.

WIRELESS MEDICAL DEVICES: BIG DATA AND DATA SECURITY

Cyber security: Flaws in medical device security protocols that compromise data

Michael C. McNeil, Global Products Security and Services Officer, PHILIPS HEALTHCARE

Data, data, data: Overcoming cloud storage and server platform challenges

Ravi Kuppuraj, Chief Technology Officer, INFOBIONIC

Panel Discussion: Big data gathering, sharing and ownership: The future of connected health

Ravi Kuppuraj, Chief Technology Officer, INFOBIONIC

Matthew Quinn, East Coast Managing Director, Healthcare and Life Sciences, INTEL CORPORATION

Axel Wirth, Healthcare Solutions Architect, SYMANTEC CORPORATION

Attend with Session or Day Pass

INNOVATIONS IN 3D PRINTING PART 3: MATERIAL DEVELOPMENTS AND LEGALITIES

Innovative materials; uses of metal in 3D printing

Diran Apelian, Alcoa-Howmet Prof. of Engineering, WORCESTER POLYTECHNIC INSTITUTE

Intellectual property concerns in 3D printing

Bryan J. Vogel, Partner, ROBINS, KAPLAN, MILLER & CIRESI L.L.P.



Attend with Session or Day Pass

Bringing the Complete Manufacturing Community **Under One Roof**

- Enjoy **in-person access** to hundreds of exhibiting suppliers
- Make new and valuable connections with **Speed Networking**
- Choose from a wide **variety of presentation topics** related to device design, 3D printing, quality, and wireless tech
- Choose from a wide variety of product releases and **live demonstrations**
- Benefit from numerous presentations at 2 **free theaters** on the expo floor
- Also at the event, visit exhibitors at the **Embedded Systems Conference** and these shows...



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