



EXPOSITION & EDUCATION:

May 6–7, 2015

Boston Convention & Exhibition Center | Boston, MA

Friends,

This May, BIOMEDevice Boston, Electronics New England, PLASTEC New England, Design & Manufacturing New England, and the new Quality Expo Showcase return to Boston with two full days of enhanced and expanded content, featuring top suppliers and conferences sessions covering the hottest topics in industry today.

We recognize the challenges that you face, and have designed our event to address those needs. Here are just a few of the new features you'll see at this year's Boston event.

- ▶ A wealth of new exhibitors, such as those listed on the last page of this letter
- ▶ The debut of the Quality Expo Showcase, including leading Quality-focused suppliers and service providers, and a full day of quality workshops led by ASQ (American Society for Quality)
- ▶ The Embedded Systems Conference (ESC) returns to Boston. This will be the first time these two great events will be combined under one roof. More about ESC at EmbeddedConf.com/boston/
- ▶ An exciting partnership with the 19th annual MassMEDIC conference, one of the focal points of Massachusetts Medtech Week, with MassMEDIC's event being held in conjunction with our Boston event.
- ▶ A wide assortment of new educational offerings, including innovative sessions covering the latest in wireless medical devices, device design, and 3D printing
- ▶ Free educational presentations in the new Center Stage Theater on the expo floor

The only thing missing from this year's event is you. If you're receiving this letter, you qualify for free admission to the event. Specify the Source Code "LEARN" when you complete your online registration to receive free admission to this year's event (\$75 value).

We look forward to seeing you in Boston!

Sincerely,

Colleen Fanneron

Marketing Manager

Design & Manufacturing New England

UBM Canon

Congratulations, you qualify for free admission to this year's expo! For a \$75 savings specify **Source Code 'LEARN'**.



Event Supporters:



Education & Training Overview

Upgrade your pass to include some of the exceptional educational offerings. With your close proximity to New England's top universities, leading the nation in cutting-edge manufacturing and design innovations, the region is at the forefront of industry, where customization and wireless communication are changing everything.



DAY 1: Wednesday, May 6, 2015

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

QUALITY WORKSHOP: KEY ELEMENTS FOR CREATING AN INNOVATIVE ENVIRONMENT

The three key elements for fostering innovation are a relentless commitment to quality and continuous improvement, a collaborative culture that empowers engagement, and supporting tools that capture ideas and enable experimentation. Learn how to harness these elements and overcome barriers to evolve.



Tamara Viles, Knowledge Management Specialist,
FMC TECHNOLOGIES, INC.



Kim Glover, Manager of Knowledge Management,
FMC TECHNOLOGIES, INC.

Attend with Day Pass Only

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

INNOVATIONS IN 3D PRINTING FOR MEDICAL DEVICES: NEW MATERIALS, PROTOTYPING TO MANUFACTURING, AND ADVANCES IN BIOPRINTING

The next steps in how 3D printing is transforming medical device manufacturing

Severine Zygmunt, President, OPM BIOMEDICAL

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

Severine Zygmunt, President, OPM BIOMEDICAL

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

QUALITY WORKSHOP: ISO 9001:2015- AN OVERVIEW OF THE CHANGES - PART 1

Covering the specific requirements that have changed, and the rational for each of the changes. The changes made are intended to help your ISO 9001:2015 management system achieve its business objectives as well as achieve customer satisfaction.



Mark Ames, President,
AQS MANAGEMENT SYSTEMS

Attend with Day Pass Only

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

DISRUPTIVE INNOVATION IN MEDICAL DEVICE DESIGN: DESIGNING FOR SIMPLICITY

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, Program Manager, FARM DESIGN

Attend with Session or Day Pass

QUALITY WORKSHOP: ISO 9001:2015 - AN OVERVIEW OF THE CHANGES - PART 2

Covering the specific requirements that have changed, and the rational for each of the changes. Learn how the standard emphasizes business performance utilizing a value added approach.



Mark Ames, President, AQS MANAGEMENT SYSTEMS

Attend with Day Pass Only

Individual sessions start at just \$199, and full-day passes start at just \$499.

DAY 2: Thursday, May 7, 2015

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

WIRELESS MEDICAL DEVICES CONFERENCE: PRODUCT DEVELOPMENT OPPORTUNITIES IN A HIGHLY REGULATED ENVIRONMENT

PANEL DISCUSSION: State of the Industry: Balancing standards, risk and hospital requirements

Michelle Jump, RAC, M.S., Principal Regulatory Affairs Specialist, **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 of the Chief Technology Office, **CERNER HEALTH SERVICES** (formerly **SIEMENS HEALTHCARE**)

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

Prabhakar Tamirisa, Ph.D., Principal Scientist-Battery Research & Technology Group, **MEDTRONIC ENERGY AND COMPONENT CENTER**

Attend with Day Pass Only

INNOVATIONS IN 3D PRINTING: LATEST TRENDS AND INTEGRATION REALITIES

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

Todd Grimm, President, **T.A. GRIMM & ASSOCIATES**

Latest trends in 3D printing: Impacts of 3D on design and manufacturing

Anthony Vicari, Research Associate, **LUX RESEARCH**

PANEL DISCUSSION: Tools enabling 3D printing in rapid prototyping



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



Anthony Vicari, Research Associate, **LUX RESEARCH**

Attend with Session or Day Pass

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

WIRELESS MEDICAL DEVICES CONFERENCE: MEETING PLATFORM AND INTEROPERABILITY REQUIREMENTS

Hospital interoperability experts: Avoiding crosstalk in an increasingly complex setting

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**

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

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

Toward Trusted Wireless Healthcare

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

Managing risk in the design of mobile wireless medical devices

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

Attend with Session or Day Pass

INNOVATIONS IN 3D PRINTING: 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 CONFERENCE: 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: 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

Individual sessions start at just \$199, and full-day passes start at just \$499.

Features Included With Your Expo Badge

Industry Leading Suppliers

Benefit from having exhibitors representing the top companies in R&D, contract manufacturing services, biotechnology, components, and more all under one roof, ready to answer your questions. Below are just a few of the exhibitors.

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|---------------------------|-------------------------------|------------------------------|-------------------------------|
| ▶ AIM Plastics Inc. | ▶ Johnson & Johnson | ▶ Nova Biomedical | ▶ Surgical Technologies, Inc. |
| ▶ Alpha Wire | ▶ J-Pac Medical | ▶ Nutek Corporation | ▶ Tegra Medical |
| ▶ Anomet Products | ▶ Maquet Cardiovascular | ▶ Octex LLC | ▶ Thermacore, Inc. |
| ▶ Apple Rubber Products | ▶ Medbio | ▶ Parker Hannifin | ▶ Toxikon Corporation |
| ▶ Atex Technologies | ▶ Medefab, Inc. | ▶ Poly-Med | ▶ VACCO Industries |
| ▶ Avalon Laboratories | ▶ Medical Extrusion Tech. | ▶ Polymer Technology Company | ▶ Vascutek Ltd |
| ▶ B. Braun OEM Division | ▶ Minnetronix, Inc. | ▶ Proto Labs | ▶ Vaupell Inc. |
| ▶ BARD Peripheral Vascula | ▶ Motion Dynamics Corporation | ▶ Qosina | ▶ Veco USA |
| ▶ Biomedical Structures | ▶ NB Corporation of America | ▶ Rinco Ultrasonics | ▶ Vention Medical |
| ▶ Bridgemedica | ▶ Nelson Laboratories | ▶ Sanbor Medical Corporation | ▶ Via Biomedical |
| ▶ Cartika Medical | ▶ Nikon Metrology Inc. | ▶ Sparton Medical | ▶ Zeiss Industrial Metrology |
| ▶ Helix Medical | ▶ Noren Products | ▶ Specialty Coating Systems | ▶ Zeus |

CenterStage TechTheater

Visit the Theater to see live panel discussions, interviews, interactive presentations, and product briefs from leading suppliers and other experts!

BONUS! Wednesday, May 6 — **Dean Kamen**, inventor, an entrepreneur, and a tireless advocate for science and technology will be presenting, “**The Luke Arm and other Developments at DEKA Research**” — Center Stage, 11:15 a.m. - 12:00 p.m.

No RSVP required, just arrive early to secure a seat!



SpeedNetworking

Maximize your event experience by making new connections with like-minded professionals. With your expressed preferences and our matchmaking algorithm, this complimentary Speed Networking session will give you face time with those you'd like to meet. It's easy, it's fun, and it's free!

Cross-Discipline Opportunities

These six industry events run concurrently. Your registration grants you free admission to the exhibits at each.



biomedboston.com/SAVE



DM-NewEngland.com/SAVE



Electronics-NE.com/SAVE



PLASTECNewEngland.com/SAVE



QualityExpo.com/4FREE



EmbeddedConf.com

Win a 3D Printer

Enter daily at the Center Stage Theater for your chance to win.



Upgrade Your Experience

Upgrade to include education with your show experience. Register using 'LEARN' in the source code area.