

2012 Session Descriptions

“Calibration Services in a Critical Environment”

Presented by: Brian E. Hubler, President/CEO; Spectrum Technologies, Inc.

This is an overview of calibration fundamentals that focuses on proper calibration practices & methods, traceability, determining specifications, and auditing. Audience members will learn about the basics of a calibration system (certified and uncertified), the traceability chain, industry accepted calibration methods and laboratory practices, and vendor auditing techniques.

“Application of Laser Speck Imaging for Wound Monitoring”

Presented by: Nee-Yin Chou; CW Optics, Inc.

This session will include an introduction to a new optical imaging modality, laser speckle imaging (LSI), a detailed presentation on its current clinical utility in wound monitoring, a comparison with other wound assessment modalities, and a review of its advantages for providing personalized wound care management for patients with diabetic foot ulcers, pressure ulcers, and/or other types of chronic wounds. Audience participants will: * Learn about this new, noninvasive and quantitative clinical tool for wound monitoring; * Understand the fundamental physics and workings of this technology * Recognize its potential in other hemodynamic assessment areas, including sublingual, retinal, and cerebral for both acute care and managed care environments.

“Direct Digital Imaging (Product review and Service options)”

Presented by: Brian Doak; Radon Medical Imaging.

This session will cover the latest products that include wireless DR panels and Dynamic R/F DR panels. A review of expanding number of OEM providers of Direct Digital Panels & reach into private practice market at affordable price points. Also discuss the lifecycle ownership costs and identifying cost effective maintenance options.

“Zoll R-Series Technical Training and Overview”

Presented by: Jim Toma; ZOLL Medical

Biomedical Engineering professionals who are involved with the support of ZOLL Medical R Series units are invited to attend this 6 hour technical training program (over 2 days) focused on this product. Our discussion will include an in-depth review of all of the product's parameters and functions, along with our SurePower Batteries, OneStep Electrodes, R Series Block Diagram Review, R Series Software Overview, and Report & Data Download Options. This program will also include time for students to disassemble / reassemble R Series units. A Certificate will be provided to all students attending this program.

“Introduction to Servicing GE CT Scanners”

Presented by: Eric Smith; SOS Medical Imaging

This session will cover an introduction to X-Ray; History of CT Scanners; Principles of CT Safety; Operation, Servicing and PM's; Parts and Repairs; Tools and Test Equipment; Service Software and Service Keys; and your service impact/ Areas of Responsibility.

“ISO training”

Presented by: John Taylor, CEO; Medical Equipment Services of VA LLC (MESV)

This session will cover an introduction to EIQC / Quality Team; the benefits of ISO 9001:2008 Certification; a process Approach to ISO 9001:2008; and the Eight Quality Principles. Also presented

will be ISO 9001 Requirements in Plain English; ISO 9001:2008 Documentation Requirements; and how will ISO 9001 reduce costs in my organization?

“Covidien Force Triad Technical Service Training”

Presented by: Covidien

Covidien Technical Service Training is designed to teach Biomed Equipment Technicians (BMET) and Clinical Engineers (CE) how to install, setup, operate, calibrate, and troubleshoot the Force FX™ electrosurgical generator C, and ForceTriad™ electrosurgical generator. Given specific information and guidelines for maintaining this equipment, the students will be able to perform preventive maintenance procedures and rectify equipment issues with confidence. Overall, Covidien courses allow hospitals to maximize their equipment investment by minimizing equipment down time.

“GE OmniBed Service Training”

Presented by: Dan Collie; GE

This session will provide 2-hours of technical training on the Omni Bed which will include information on changing the belts as well as other specific maintenance procedures. Participants will receive a Certificate upon completion of the course.

Key Note Speakers:

THURSDAY MORNING:

Ray Laxton, the new chair of AAMI’s Board of Directors,

Ray was a founding member of AAMI’s Technology Management Council (TMC), and is currently Vice President of Program Management with ARAMARK Healthcare Technologies.

FRIDAY MORNING:

Johnathan Whitt, Region 2000 - Jonathan Whitt is the Executive Director of the Region 2000 Technology Council, a position he has held since 2003. Jonathan works closely with Technology Council members, representatives from the region's schools, colleges and universities, and representatives of local, state, and federal government to assist and champion initiatives that bring value to the Council's members and the citizens of Region 2000. He has been a key player in the development of several regional technology-based economic development projects, including the creation of the Region 2000 Partnership, the Center for Advanced Engineering and Research, and the Future Focus Educational Foundation.