

SMBE 2015 COFFS HARBOUR - TECHNICAL PROGRAMME

Session Times	Monday 23 March 2015	Tuesday 24 March 2015	Wednesday 25 March 2015
<p>0900 – 1015 (75 mins)</p> <p>0915 – 10.15 on Monday only (60 mins)</p>	<p>Opening</p> <ul style="list-style-type: none"> Welcome to Delegates & General Housekeeping – Bruce Morrison, President SMBE (5 mins) Opening - Nick de Groot - Executive Director - Financial Operations, MNCLHD (10 mins) BME going forward – Bruce Morrison, Health Infrastructure (10 mins) The Evolution of Healthcare Technologies and the Implications for Biomedical Engineers – Joshua Farrington, Hospitech (30 mins) Questions & Discussion (5 mins) 	<p>Biomedical Engineering Education</p> <ul style="list-style-type: none"> Update on the NSW TAFE Course - Mark Gilbert, Tamworth TAFE (20 mins) Developing Biomedical Technical Training in Australia – The Medical Room story so far – Dani Forster, The Medical Room (30 mins) An Advanced Diploma of Biomedical Engineering online – what, why, who, how and when – Ric Harrison, EIT (30 mins) 	<p>Technical Presentations</p> <ul style="list-style-type: none"> Water Quality Requirements and Compliance with AS/NZS 4187:2014 – Surani Sappideen, Continental Water (30 mins) BTS Water Treatment Innovations – Nathan Norman, BTS, Qld (30 mins) Questions & discussion (15 mins)
1015 – 1045	Morning Tea in the Trade Area		
<p>1045 – 1215 (90 mins)</p>	<p>BME and ICT</p> <ul style="list-style-type: none"> Systems Integration to deliver better patient outcomes – Robin Arian, HNE Clinical Technology (20 mins) Integrating medical devices into the eMR - Peter Wetherall, Cerner (30 mins) eMR implementations - Welch Allyn – David Cashion (15 mins), Mortara – Brenda Bell (15 mins) Questions & discussion (10 mins) 	<p>Regulatory Affairs</p> <ul style="list-style-type: none"> Area Certification and compliance with AS3003:2011 – Dennis Seymour, MedTest (30 mins) The role of the Test and Commissioning Officer in the NT – Andy Lyons, Royal Darwin Hospital (20 mins) The need for and importance of device incident reporting - Patrick O'Meley, TGA (30 mins) Questions & discussion (10 mins) 	<p>Technical & Management Presentations</p> <ul style="list-style-type: none"> Optimising the Planned Maintenance Program – Gordon Brown, BTS, Qld (30 mins) Digital operating rooms & the glass-walled operating theatre – Michael Tsoukalis, Olympus (40 mins) <p>Conference closure and presentation of prizes (20 mins)</p>
1215 – 1330	Lunch in the Trade Area & Opening of the Trade Exhibition	Lunch in the Trade Area	Lunch in the Trade Area
<p>1330 – 1500 (90 mins)</p>	<p>Development Aid</p> <ul style="list-style-type: none"> Ulco Anaesthetic Machines find a home in Vietnam – Steven Threlfo, John Hunter Hospital, Anaesthetics Department (40 mins) A Primer for BMETs contemplating short term assignments in foreign countries- Andy Lyons, BME, Royal Darwin Hospital (20 mins) Should Donations be Confined to Equipment Only – Nehal Kapadia, SSCSIP (20 mins) 	<p>Clinical and Technical Topics</p> <ul style="list-style-type: none"> Monitoring the resistance indices (RI) of cerebral arteries with NIRS – part II - Dani Forster, Melbourne University (20 mins) Connecting the Circuits – Medical Use and Abuse of Electricity in the Last 150 Years – Alex Watson, Premier Biomedical (20 mins) Respiratory Compromise & SpO2 Derived Respiration Rate– Ric McAbee, Covidien (30 mins) Mutual advantages of vendor training for BMEs and BMETs – Paul Groot Obbink, Philips Healthcare (20 mins) 	<ul style="list-style-type: none"> Developments in medical imaging and servicing – Maurice Ward, Siemens Medical (30 mins) <p style="text-align: center;">Travel Home</p>

1500 – 1530	Afternoon Tea in the Trade Area		
1530 – 1700 (90 mins)	<p>Development Aid (Country Reports)</p> <ul style="list-style-type: none"> Panel discussion on previous successes, lessons learned and the way forward (30 mins) <p>Technical Topics</p> <ul style="list-style-type: none"> What's all this Exponential stuff anyway – Mark Littlejohn, Semacare (20 mins) Redevelopment-Refurbishment-Commissioning-A Personal Experience – Joe Maday, SWS LHD (20 mins) Questions & discussion (20 mins) 	<p>Concurrent workshops presented by medical equipment vendors</p> <ul style="list-style-type: none"> Hands on testing of major pneumatic and electronic sub-systems of non- invasive and invasive ventilators (Philips V680 and V60 ventilators) - Peter Ankravs, Technical Services Manager, Teleflex (90 mins) Olympus Arjo Huntleigh - Flowtron ACS Tri Pulse DVT Prophylaxis System: Service and calibration. 	
After Hours	<p><u>Conference Dinner:</u> 6.30pm for 7.00pm at Fisho's (Deep Sea Fishing Club) Jordan Esplanade, Coffs Harbour Jetty.</p>	<p><u>AGM:</u> 5.30pm at the Venue</p> <p><u>Afterwards:</u> Free Night for Networking</p>	

Welcome BBQ – 6.30pm Sunday 22nd March 2015 at Dolphin Marine Magic, 65 Orlando Street, Coffs Harbour.

SMBE 2014 WOLLONGONG - TECHNICAL PROGRAMME

Session Times	Monday 24 March 2014	Tuesday 25 March 2014	Wednesday 26 March 2014
0900 – 1015 (75 mins) 0915 – 10.15 on Monday only (60 mins)	Opening Session <ul style="list-style-type: none"> Welcome to Delegates – Bruce Morrison, President SMBE Official Opening - TBA Big Data, the Internet of Things and Iterative Learning = Smart Buildings - Al Sheehan, Microsoft Housekeeping announcements 	Clinical & Technical Presentations <ul style="list-style-type: none"> Challenging our understanding of theories in Obstetrics. Why not do the experiment? – A/Prof Chris Georgiou, University of Wollongong & Wollongong Hospital Monitoring the resistance indices of cerebral arteries with Near-Infrared Spectroscopy – Dani Forster, Melbourne University & The Medical Room 	Technical & Managerial Presentations <ul style="list-style-type: none"> A workshop in developing Fluke test templates using Ansur - Donald Hazra, RPA BME. A new non-invasive cardiac output computer – Mark Littlejohn, ElectroLAB Distributed antenna systems: In-building coverage for mobile devices – Bruce Morrison, NSW Health Infrastructure
1015 – 1045	Morning Tea in the Trade Area		
1045 – 1215 (90 mins)	Technology & Systems Developments <ul style="list-style-type: none"> State Cardiac Reperfusion Strategy – Bridie Carr & Karen Lintern, ACI ICCIS: Clinical Information Systems for ICUs across NSW – Brett Avery, ICCIS Project Technical aid in the Pacific: Update on AusAID funded BEMI project –Noel Kitto & Sens Matai, BEMI-PacTAM 	Clinical & Technical Presentations <ul style="list-style-type: none"> Emerging Bio-threats - Dr Nicky Gilroy, ACI Reducing hospital acquired infections through environmental cleaning – Dr Kerry Newlin, ACI Containerised CR X-ray for remote areas – Alex Watson, Premier Biomedical Engineering 	Technical & Managerial Presentations <ul style="list-style-type: none"> From Crystal Oven to Raspberry Pi: Changing nature of repairs over the years – Wayne Ussher, PMPH The sky is falling, the sky is falling: Doomsday or Nirvana? - Willy Van Den Berg, DPWS Closing ceremony - Wrap up of the Conference and announcement of next year's venue, prize draws
1215 – 1330	Lunch in the Trade Area		
1330 – 1500 (90 mins)	HealthShare Update <ul style="list-style-type: none"> Introduction by Rodney Wilson, NSW HealthShare Update on HealthShare contracts – Leone Hardy, NSW HealthShare Update on Cataloguing & NEHTA – Valentino Bulaon, NSW HealthShare Provation: The Endoscopy Information System – Andrew Young, NSW HealthShare 	ICT & Technical Presentations <ul style="list-style-type: none"> WiFi networks in hospitals: Opportunities & challenges – Robin Arian, HNELHD Customer supplied network for telemetry : a case study – Jae-Won Choi, NSLHD The use of Telehealth within the NSW Agency for Clinical Innovation - Chloe Moddel, ACI 	Travel Home
1500 – 1530	Afternoon Tea in the Trade Area		
1530 – 1700 (90 mins)	Technical & Managerial Presentations <ul style="list-style-type: none"> An inside view: The Aisys anaesthetic ventilator – Steven Threlfo, HNELHD Is it time to consider industry based standards of common practice? – Kevin O'Brien, MEMIE A/asia Technical aid in the Guatemalan Highlands – Lawry Goodwin, BTS 	Concurrent workshops presented by medical equipment vendors <ul style="list-style-type: none"> Welch Allyn – Servicing the new Connex CVSM Masimo – Battery maintenance & common questions Olympus – Scope maintenance Covidien – TBA Dräger – ServiceConnect & Infologger 	
After Hours	<u>Conference Dinner:</u> 6.30pm for 7.00pm at Seacliff Restaurant, 16 Cliff Street, North Wollongong	<u>AGM:</u> 5.30pm at the Venue <u>Afterwards:</u> Free Night for Networking	

Welcome BBQ – Sunday 23rd March 2014 at Illawarra Brewery, WIN Entertainment Centre - Cnr Crown & Harbour Streets, Wollongong