

SMBE 2018 – TWEED HEADS - TECHNICAL PROGRAMME

Sessions	Monday 26 March 2018	Tuesday 27 March 2018	Wednesday 28 March 2018
0900 – 1015 (75 mins) 0915 – 10.15 on Monday only (60 mins)	Opening <ul style="list-style-type: none"> Welcome to Delegates & General Housekeeping – Bruce Morrison, President SMBE Opening – Leo Barnes, Life Member SMBE Hospital acquired complications and their relevance to biomed/equipment management and patient outcomes – Anthony Poulton, Cardinal Health Questions & discussion 	Clinical and Technical Topics <ul style="list-style-type: none"> The cardiovascular system – Kerry Newlin, MN Consulting Cuff-less NIBP measurement – Owen Byrnes, Biomedical Engineering (AU) The BP cuff tester and new devices – Ian Davies, Latrobe Regional Hospital Questions & discussion 	BME in Remote Areas and Developing Countries <ul style="list-style-type: none"> Modification of an AISYS anaesthetic machine for simulation use - Steven Threlfo, formerly John Hunter Hospital Medical connectivity in remote Australia: Design rules and risk management – Michael Smith, Med Equipment Mgt Working overseas and dealing with 110V equipment in a 240V environment – Kelvin Sawyer, Keltech BME Services Questions & discussion
1015 – 1045	Morning Tea in the Trade Area	Morning Tea in the Trade Area	Morning Tea in the Trade Area
1045 – 1215 (90 mins)	Australian Biomedical Innovation Award Session <ul style="list-style-type: none"> Introduction – Peter Deliopoulos, PD Medical Medical IT Training Simulator – Simon Cowley, Royal Melbourne Hospital EVE: A platform to support expectant mothers throughout their pregnancy journey – Josh Farrington, Cabrini Technology Six small innovations - Chris Koplick, Mater Health The BTS Biomedical Technician Cadetship - Nathan Norman, BTS Queensland 	Measurements and Maintenance <ul style="list-style-type: none"> A history of units - measurement in the medical sphere – Ian Littler, National Measurement Institute BME in renal dialysis – Donald Hazra & Edward Li, Royal Prince Alfred Hospital Principles of rigid telescopes in laparoscopy and technical troubleshooting techniques for broken scopes - Frankie Lam, NSW HealthShare Questions & discussion 	Training and Procurement <ul style="list-style-type: none"> An update on The Medical Room’s biomedical technical training programme and their progress towards accreditation in Australia BME courses in Australia – Kelly Coverdale, National Committee for Clinical Engineering Strategic procurement in NSW Health – a new paradigm – Susie Giddey, NSW HealthShare Questions & discussion
1215 – 1330	Lunch in the Trade Area	Lunch in the Trade Area	Lunch in the Trade Area
1330 – 1500 (90 mins)	Clinical Topics <ul style="list-style-type: none"> Collaboration between medical device manufacturers and cleaning and disinfectant providers - Martin Kiernan, GAMA Healthcare FD-NIRS as an indicator of Hypoxic-Ischemic Encephalopathy: Final episode – Dani Forster, Melbourne University HL7: a bridge between medicine & technology – Joe Vartuli, GE Healthcare Questions & discussion 	<ul style="list-style-type: none"> Evidence based medical devices: Book launch – Aaron Whybrow, ARW Financial Services Healthcare IT <ul style="list-style-type: none"> Transforming Healthcare With Blockchain Technology – Josh Farrington, Cabrini Technology Group Cybersecurity of medical devices – Simon Cowley, Royal Melbourne Hospital Video latency in laparoscopic and robotic surgery – David Brown, NSW HealthShare Questions & discussion 	<p style="color: blue; font-weight: bold;">Travel Home</p> <p>NOTE:</p> <p style="background-color: yellow;">The conference venue is in NSW and the BBQ & dinner are in Queensland so that:</p> <ul style="list-style-type: none"> All conference times are in AEDT, and The BBQ and dinner times are in AEST.
1500 – 1530	Afternoon Tea in the Trade Area	Afternoon Tea in the Trade Area	
1530 – 1645 (75 mins)	Technical Topics <ul style="list-style-type: none"> An adaption to enrich a neonatal ventilator circuit with volatile anaesthetic agent - Steven Threlfo, formerly John Hunter Hospital 3D printing in the medical world – Mike Flood, Locus Consulting Oxygen concentrators: Principles and maintenance - Kelvin Sawyer, Keltech BME Services Questions & discussion 	Concurrent workshops <ul style="list-style-type: none"> Philips Healthcare - “X3 for the Clinician and Biomed: The next generation”. This workshop on the X3 from a clinical versatility perspective and a servicing perspective Welch Allyn - TBA GE Healthcare – Using big data to improve patient outcomes & reduce operating theatre costs (follows on from the HL-7 talk) 	<p>NOTE:</p> <p>The Welcome BBQ will be held: Sunday night 25 March 2018 at 6.30pm (AEST) Greenmount Beach Club Marine Parade, Coolangatta, QLD, 4225.</p>
After Hours	Conference Dinner: 6.30pm for 7.00pm (AEST) at Twin Towns Services Club at 2 Wharf St, Tweed Heads, NSW, 2485.	AGM: 5.30pm (AEDT) at the Venue (not an election year) Afterwards: Free Night for Networking	