

Society for Medical Innovation and Technology SMIT 11-14 May, Pebble Beach, Monterey, CA, USA				
Preliminary Scientific "Program at a Glance" with short titles, for complete info and coauthors please review the abstracts. KN = Key Note				
Abstracts appear in alphabetical order according to the last name of first author			This activity has been approved for PRA AMA (CME) by UCI	
Rooms	Merrill Hall	View Point	Surf and Sand	Scripps
Thursday 11				
8:00 - 8:00	Registration - Main Lodge Lobby Asilomar			
10.10.-11:30	SMIT SMST Joint Session Harald Fischer			
	The V-Crown Aortic Arch Stentgrafts- R. Kaufmann			
	Intestinal Anastomoses - A Szold Israel			
	NiTiNol in Lap Surgery - D Birkett USA			
	Intelligent implants - R Satava USA			
	Therapeutic Imaging - A Melzer D/UK			
11:30-13:00	LUNCH SMST Barbeque			
	Registration - Main Lodge Lobby			
14:00 - 15:00	Opening Ceremony			
	The Ship in a Bottle - J Abele USA			
14:30 - 15:00	Innovations in Innovation - M Weiner USA			
15:00 - 17:30	Special Session TATRC Gerry Moses			
	Set-up for posters and	Combat Medic Training - Steve Dawson	Trauma Pod - Pablo Garcia	Hands On Ninitol Devices
	Set up of commercial Exhibition in Merrill Hall	NASA Extreme Underwater - Tim Broderick	Virtual Autopsy - Craig Mallak	Workshop - H Fischer D
		Percutaneous spine - Tom Mroz	IM-VAC NN	
		Future Telesurgery - Mehran Anvari	Virtual Soldier - Brain Athey	
		Innovations in Surgery - Paul Nagy	LSTAT-lite - Matt Hanson	
18:00 - 19:00	Wine Tasting Reception ND&C Seascape Dining Room Asilomar			
19:00 - 21:00	Opening Dinner Seascape Dining Room Asilomar			
Friday 12				
8:00 - 18:00	Registration - Main Lodge Lobby			
7:30 - 8:30	Breakfast DINING HALL Steering Committee			
Rooms	Merrill Hall	View Point	Surf and Sand	Scripps
8.30.-10:00	Biophan Symposium on MRI Safety I			
	SMIT Tech Train - J Dankelman & MM Lirici			
	Free Paper: Endoscopic Technologies SLS			
	H Bassen & T Woods USA			
	P Wetter & J Sandor			
	KN Standards and Regulations - T Woods USA	KN Learning Strategies MIS - J Dankelman NL	Endoscopic Finger - E Laporte Spain	
	Simulation of RF Heating - J Helfer USA	e-learning - M Lirici, Italy	Minimally Invasive Manipulator - J Jaspers NL	
	MRI Induced Heating: Findings and Questions - H Bassen USA	ISIS - M Sinanan USA	3D Laparoscopic Navigation - Th Lango NOR	
	Worse Case Implant Heating Protocol - F Fiedler, D	MedTec Training for Engineers - P Bremer A. Melzer D	Cold Light Sources - Y Yavuz NOR	
	MR Testing Methods for Devices - G Schaefer D	Eye tracking - AR Aggarwal UK	HD Camera for Endoscopy - B Ystgaard, R Marvik NOR	
	Hospital-Based MR Compatibility Testing - S Hushek USA	Haptic-Visual vs Visual only passive Learning - S Jacobs D	Improving Lap Working Conditions - Th Lango NOR	
	R Satava and A. Melzer			
10.00.-10.30	John Wikham Lecture "Nitinol in Medicine"			
	D Stoeckel D/USA			
10.30-11.00	BREAK Exhibits and Posters			

Rooms	Merrill Hall	View Point	Surf and Sand	Scripps
11.00.-12.30	Biophan Symposium on MRI Safety II	Spec focus Surg Tech SICTeCA	Free Paper: Nitinol in Medicine	
	J. Kettenbach & A.Meizer	M De Fazio & N Di Lorenzo	A. Pelton & H Fischer	
	Safety Interventional MRI - A Buecker D	KN History Laparoscopic Surgery - J Perissat F	KN Effects of Nitinol Oxidation - A Pelton USA	
	Safety of Intraoperative MRI - J Kettenbach A	Virtual Reality Training Center M De Fazio I	Biocompatibility, Corrosion and Surface of NiTi - G Siekmeyer D	
	Evaluation of Wire Heating - Ch Yeung USA	Advanced LapTechniques towards clipless Lapchole - M Lirici I	Thermally Activated Surg. Clip - T Frank UK	
	Resonant Circuits for Implants - E Immel, D	MIS in Hungary - J Sandor H	Functionally graded Superelastic Guidewire - Y Sutou Japan	
	Ferromagnetic Detection - K Kopp USA	Bloodless Resection and Ablation - N Di Lorenzo I	SMA GI Compression Anastomosis - L Monassevitch Israel	
	Hybrid MRI/X-Ray procedures - G Thelissen NL	Tissue Welding - A Szold Israel	Ti Ni based Superelastic Stents - K Yamauchi J	
12.30-13.30	Exhibits and Posters LUNCH at Dining Hall			
	Biophan FDA CRADA Lunch Meeting			
13.30-15.00	Advanced Imaging	Special Focus Session Spine	SMIT-Endoluminal - D Birkett & E Kanehira	
	A Buecker & K Grimbergen	R Seibel & JP Elsig		
	KN MRI Molecular Imaging - A Buecker D	KN Preoperative Imaging Spine - JP Elsig Suisse	KN Update on Instruments - P Swain, UK	
	US & Contrast Agents - K Grimbergen NL	KN Micro Therapy of Spine - R Seibel D	Endoluminal Fundoplicatio - A Arezzo I	
	Functional Vascular Imaging - Ch Cheng, USA	Percutaneous Treatments of Spine NN	Transgastric Procedures - D Birkett USA	
	Sonoporation & Photoporation - B Campbell UK	CT guided Vertebroplasty - HW Krause D	Endoluminal Surgery in Rumania - C Tiu R	
	Focused Ultrasound Surgery - N Alikacem USA	Disc Replacement - JP Elsig, Suisse	Smart Colonoscopy Phantom - Nghia Ho D	
			Video Assisted Anesthesia - G. Berci & M Kaplan USA	
Rooms	Merrill Hall	View Point	Surf and Sand	Scripps
15.00-16.30	Emerging Technologies- M Weiner & A Weis	Cleaning of Disposables Th Fengler & K Roth	SMIT MEMS- MO Schurr & P Krulevitch	
	Noninvasive Cancer Therapy - A Weis USA	Reprocessing Practice & Regulations - Th Fengler D	MEMS for Future Medical Devices - MO Schurr D	
	Nano Scale Oncotherapy and Biophysics - J Tuszyński CAN	Evaluation of Resterilization - K Roth D	Commercialization of MEMS - P Krulevitch USA	
	Targeted Drug Delivery - J Lanzafame USA	Reusability of Disposables - U Weiss D	Cardiovascular German MEMS Research Prog. - CH Weis D	
	Selectin for Flow based Stem Cell Capture - M King USA	Dental Implants - M Soibelman D	Micromachining of Nitinol - S Steegmüller D	
	Stem Cell Capture Stent - C Gebert USA	Platelet-Adhesion on Amorphous Carbon - H Fischer D	Biocomp. of Smart Magnets for MEMS - P Pouponneau CAN	
16.30-17.00	BREAK Exhibits and Posters			
17:00-19:00	"Vision and Beauty" R Satava			
	Brian Barnes - Hibernation,Suspended Animation			
	David Hanson - Animatronics			
	Kary Mullis - Artificial Immune System			
	Book Signing (Kary Mullis, Nobel Laureate PCR)			
19:30 - 21:30	Special apperance Gallagher The Comedian			
	Barbeque and Bonfire at Asilomar Beach			
Saturday 13				
07.30-08.30	Breakfast DINING HALL MITAT EDITORIAL BOARD			
Rooms	Merrill Hall	View Point	Surf and Sand	Scripps
8.30 - 10.00	Symposium Image guided Robotics -	Special Focus Urology & Face to Face	Special Focus Testing and Modelling	
	K Cleary & G Kronreif & J Adler	Moderator J Jakimowicz & M Sinanan	E Laporte & A Arezzo	
	KN Image Guided Robotics - K Cleary USA	Manual Prostate Surgery J Rassweiler D vs	Measuring of RF Heating of Implants - E Atalar T/USA	
	MRI Guided Robotics - A Melzer D	Robotic Prostate Surgery R Clayman, USA	Cardio Vascular Simulator for MRI Tests - B Möller D	
	CT guided Robotics - G Kronreif Austria	MRI Robot for Prostate - D Stoianovici USA	Multimodality Vascular Imaging Phantom - G Cloutier CAN	
	Robotic Biops. vs Ultrasound Guidance - J Kettenbach, Aus	Ambulatory Urinary Pressure Monitoring -Chih Kang Lin USA	Effect of Navigational Aids Implications f Virtual Training.- B Zheng, CAN	
	CyberKnife - J Adler USA	Nocturnal Electroimpedance Vol. Assessment - M Hruza D	Potential of Sensor Data Processing Sensor Nodes - I Balasingham NOR	
			IGSTK: Open Source Toolkit for Image-Guided S. - K Cleary US	
10.00.-10:30	BREAK Exhibits and Posters			

10:30 - 12:00	Surgical Robotics - MIRA	Special Focus Session Heart	Free Paper: Oncology J Rassweiler & J Schiappa	Medcial Device Design
	G Ballantyne & R Clayman	E. Fosse & S Kleshinski		
	Robotics Training in Urology - R Clayman USA	KN Structural Heart Diseases &	Intraoperative Radiation IORT - M Friebe D/USA	Worshop, Ted Kucklick, USA
	Telerobotic Heller Myotomy - D Mikami USA	SeptRx PFO closure Device- S. Kleshinski USA	Staging: PET CT vs 3T MRI - E Squillaci I	
	Surgeon Specific Advantages - G Ballantyne USA	Ventricular Assist Technologies - J Helfer USA	US Imaging of Prostate Ca - E Dasgupta USA	
	Telerobotic Solo Gastric Bypass - R Alami USA	Image-guided Valve Repair - NN	Bipol vs Monopol Ablation - Th Lango NOR	
	Penelope - M Treat, USA	Robotic and Image guided Herat Surgery Surgery - E Fosse	New Tools for Endoluminal Resection - A Arezzo I	
	RP-6 Robot - Y Wang USA			
12.00.-13.30	Exibits and Posters LUNCH at Dinning Hall			
	General Assembly Lunch at Seescape			
Rooms	Merrill Hall	View Point	Surf and Sand	Scripps
13.30 - 15:15	SMIT OR B Ystgaard & E Fosse	Hands on Robotic Seminar	Free Paper: Imaging & Image Guidance	
		K Cleary & D Stoianovici & G Kronreif	T Nagelhus Hernes & Th Lango	
	From OR Logbook to OR Lights - E La Porte Spain		Hybrid Imaging - M Friebe, D	
	OR Trondheim Vascular S - B Ystgaard NOR	Technology and Principles of Medical Robotics	In-Stent Restenosis Imaging - T Scheuerman D	
	OR Trondheim Laparoscopic S - B Ystgaard NOR	Practical Demonstration of Robotic Systems	Computer Assisted Needle Positioning - M Nagel D	
	OR in Oslo - E Fosse NOR	B-Rob	EM Trackingsystem for Workflow oriented Navigation - HW Krause D	
	Integrated Interventional Imaging OR - A Melzer D/UK	RP-6 Robot - Y Wang USA	MRI Localization Device for Biopsies - St Hellwig & M Friebe D	
	Multi-Room OR/Diagnostic MR Suite - S Hushek, USA		3D US Navigated Neurosurgery. - T Nagelhus Hernes	
			Hospital Information Systems PM Meier D	
15:30- 16:00	Hot Topic R Satava			
	Total Body Scan MRI vs CT Ch Herborn D			
16:00 - 16:30	BREAK Exhibits and Posters			
16:30 - 18:00	Imagine and See			
	Ken Kamler - Extreme Medicine			
	Randy Wolf - Surgery and Magic			
	Alexander Tsiaras - Anatomic Travelogue			
18:30	Bus transport Monterey Aquarium			
19:00	Reception at Aquarium			
19:30	Andrew Wight "Aliens of the Deep" (film director with James Cameron - Discoverer of the Titanic)			
20:15	GALA DINNER			
Sunday 13				
07.30-08.30	Breakfast DINING HALL SMIT Program Committee			
Rooms	Merrill Hall			
8.30.-10.00	Pacific Rimm Innovations SMIT 2007 E Kanehira			
	MEMS for Minimally Invasive Diagnosis & Therapy -Y Haga, Japan			
	NCCR Laparoscopic Surgery Robot - J Choi, Korea			
	Safety of SMA Artificial Anal Sphincters -M Higa, Luo, Japan			
	Mika Sinanan, Seattle WA			
10.00.-10.30	Break			
10:00 -12:00	SMIT Award Session best Oral and 3 best Posters			
12.15.-12.30	Closing Ceremony, SMIT 2008 and Adjourn			
12:30 - 13:00	Lunch			
13:00	Pebble Beach Golf Tournament 1st SMIT Golf Cup			