SMIT 2006

18th International Conference
May 11 - 14, 2006
Pebble Beach, Monterey Bay, CA, USA

Dear Madam/Sir:

You are cordially invited to attend the 18th International Conference of the Society for Medical Innovation and Technology (***www.smit2006.com***) back to back with SMST 2006 to be held at Pebble Beach, Monterey Bay, CA (USA) from May 11-14, 2006. Deadline of online abstract submission is February 15, 2006. Abstracts will be published in MITAT (***www.tandf.co.uk***). The best presentation and the three best posters will be awarded.

The 2006 SMIT International Conference is shaping up to be one of the most exciting and important meetings in the medical innovation field. We are putting together a program that will fulfill this goal with an outstanding collection of speakers and discussion leaders to cover the diverse aspects of this area of science.

The conference site is Asilomar (***www.visitasilomar.com***), a particularly pleasant and tranquil ocean front retreat cradled by forests and white sand beaches near great entertainment and natural attractions. This area is provided with excellent hotel accommodations and we have been able to get a block of rooms at a special conference rate until March, 2006. Rooms fill quickly, so make your reservations early. Breakfast, lunch, and snacks are provided each day. Dinner and entertainment will also be provided: barbeque, wine tasting, gala event and Congress Dinner at absolutely incredible Monterey Aquarium (***www.mbayaq.org***) including the unrivalled film "Aliens of the Deep" by Andrew Wight.

As is typical of SMIT, multi-disciplinary perspectives, new ideas, unusual venues and alternative sessions are used to invoke change. There is great risk that these presentations will fail dramatically, yet there is also the opportunity to bring revolutionary new ideas. *In this spirit, SMIT 2006 will host revolutionary (for the medical community) sessions with the scientific meeting. We ask a pioneer in genetics, a comedian, an animatronics engineer, and a computer artist to explore in their own way what the future might hold. We also reach out to balance between possible and impossible, real and surreal and take your mind where your body may not be able to go. A Nobel Laureate searches for an artificial immune system, a researcher pursues the scientific basis for suspended animation and yet another creates an imaginary "you" from body scanning. A surgeon-astronaut explores beyond the bounds of earth and mind while a cardiac surgeon mixes real surgery with true magic. These sessions will look beyond what is possible today and speculate on how the future of medicine will be fundamentally different from today.*

As you can see, the program includes topics relevant for new medical technologies and you will have the opportunity to select sessions from among the many offered, enabling you to customize the conference to best meet your interests.
Plan to join us and spend a few days learning, participating in stimulating discussions, networking, and sharing ideas with SMIT members and other attendees.
We are look forward to seeing you in Monterey next May.

With best regards

Rick Satava
SMIT 2006 President

Andreas Melzer
SMIT General Secretary
SMIT 2006 Co-President

CONFERENCE DETAILS
Please visit the Conference website (www.smit2006.com) for abstract submission, conference scientific program, accommodation, social events and registration. You can register online or download the registration form and fax it to SMIT Office (+49-208-7402875), SMIT Members 2007 will be admitted free!

SMIT 2006

18th International Conference

SOCIETY FOR MEDICAL INNOVATION AND TECHNOLOGY

ASILOMAR CONFERENCE GROUNDS

Pebble Beach, Monterey Bay May 11 - 14, 2006

Registration, Abstract Submission deadline Feb 15, 2006: www.smit2006.com

Preleminary Program and Invited Faculty

Thursday, May 11
SMST Joint Sessions on the Use of Nitinol in Medicine
3rd "Hands On" Seminar on Nitinol Based Interventional and Surgical Devices, Harald Fischer

Special Focus Session
DARPA Advanced Research

TATRC Advanced Technology
Gerry Moses, Greg Mogel

Special Lecture
Innovations in Innovation, Mike Weiner

Get Together: Pebble Beach Barbeque

Friday, May 12
SMIT Steering Committee
Opening Ceremony
1st Symposium on ***MR Safety and Compatibility*** of Medical Devices, Interventional and Intraoperative MRI
Arno Bücker, Joachim Kettenbach, Ergin Atalar, Stephen Hushek, Gregor Schaefers; Terry Woods and Howard Bassen, FDA

John Wickham Lecture
Nitinol in Medicine, Dieter Stöckel

Special Focus Session
Emerging Technologies
Targeted Drug Delivery
John Lanzafame
Non Toxic Drug Treatment
Alexander Weis
Micro Tubuli, Jack Tuscynski

Special Focus Session *Imaging*
C.A. Grimbergen
Molecular Imaging
Therapeutic Imaging
Sonoporation, Photoporation
Focused Ultrasound Surgery,
Robert Newman

Face to Face: Total Body Scanning MRI vs. CT

Special Focus Session
Taskforce SMIT Endoluminal,
Eiji Kanehira, Desmond Birkett, Gerhard Buess, Paul Swain, Alberto Arezzo

Special Focus Session *Heart*
Structural Heart Defects
Ventricular Assist Technologies
Jeff Helfer

Special Focus Session *Spine*
Minimally Invasive Treatments and Disc Replacement
Advanced Polymers

Special Focus Session:
MEMS and Nano
SMIT MEMS Marc O. Schurr
J&J MEMS Peter E. Krulevitch

Vision and Beauty
Mark Ross: Suspended Animation
Randy Wolf: Surgery and Magic
Kary Mullis: Artificial Immune System
Wine Tasting at Asilomar
Special Apperance: Gallagher, the Commedian

Saturday, May 13
MITAT Editorial Board Meeting
1st Symposium on Image Guided Robotics
- Technical Principles
- Clinical Results
  Cyberknife, John R. Adler
  Co-organizer Kevin Cleary, Georgetown University
  SMIT Rob Task force

Face to Face: Robotical vs. Manual Prostate Surgery

Special Focus Session
1st "Hands On" Seminar
Medical Robotics
Dan Stoianovici, Yulun Wang

Special Focus Session
Reuse of Disposables
Cleaning,Decontamination and Resterilization
Thomas Fengler & Klaus Roth

SMIT General Assembly

Special Focus Session
SMIT TECH TRAIN
Simulation and Training
Jenny Dankelman,
Marco M. Lirici

Special Focus Session
Taskforce SMIT OR
Operating Theatre of the Future,
Brynjulf Ystgaard, Erik Fosse
Advanced Multimodality Imaging-Guided Operating Room AMIGO, Ferenc Jolesz

Special Focus Session
Surgical Technologies
Jaques Perissat, A. Gaspari
Marco Di Fazio, SICTeCA
Nicola Di Lorenzo

Special Focus Session Urology
Face to Face: Robotic versus Manual Prostate Surgery,
Ralph Clayman, Jens Rassweiler

Imagin and See
Bill Hazeltine: Regeneration
David Hanson: Animatronics
Alexander Tsiaras: Anatomic Travelogue

Dinner at Monterey Aquarium
Andrew Wight: Aliens of the Deep

Jellyfish at Monterey Aquarium

Sunday, May 14
Pacific Rim Innovations
Eiji Kanehira&
Yoshimuchi Kurokawa

SMIT Award Session
Best presentation
and three best posters

Golf Tournament at Pebble Beach