

international magazine on
smart systems technologies

mst | **news**

VDI/VDE-IT | CSEM | EPoSS | InnoMAG |
mst germany | MNT-EraNet | NCP | SmartSystemCampus



ELECTROMOBILITY

INNOVATIONS IN

PCB TECHNOLOGIES

CANEUS 2009 Workshops Held at NASA Ames Deliver 29 Projects Representing 5 Sector Consortia

29 advanced micro and nanotechnology (MNT) system development projects were proposed, defined, and peer-reviewed by participants at the CANEUS 2009 workshops, hosted by NASA Ames in Moffett Field, California on March 1-6, 2009. An historic Space Act Agreement signed between NASA Ames and the CANEUS Organization helped provide an international forum dedicated to fostering global collaboration on the development of MNT concepts to ultimate infusion into next generation aerospace systems. The CANEUS 2009 Workshops were chartered to oversee formation of international public/private partnerships by fostering a collaborative environment aimed at the adoption, adaptation, and accelerated commercialization of MNT for aerospace applications.

CANEUS currently coordinates Sector Consortia dedicated to Small (micro-nano-pico) Satellites, MNT Reliability, Fly-by-Wireless (with Structural Vehicle Health Monitoring), MNT Devices (with Harsh Environment Sensors, Photonics, and Bio-Astra), and MNT Materials (with Micro-Energetics). The 2009 event included 4 Short Courses, 21 Thematic Sessions, 12 Sector Consortia Sessions, Exhibits, and Technical Tours.

The CANEUS Conferences and Workshops provide a forum to network and discuss these projects, and to form teams that will be responsible for generating system-level end products. CANEUS 2009 provided opportunities to collaborate across international boundaries, on these high-risk, high-cost MNT system development projects. CANEUS assists its membership by creating a systematic framework within which new projects can be created, reviewed and approved. Once a peer-reviewed MNT system-development project has been approved, the CANEUS organization becomes actively involved in "shepherding" the project through its various life-cycle phases with close involvement of both the financial sponsors and the end-customers. Each project has access to CANEUS' "Innovation Environment" where the issues of confidentiality, regulatory compliance, and IP, are addressed and the terms of interaction are pre-established through the execution of team agreements.

CANEUS 2009 had a unique format which emphasized, as its primary deliverable, the definition and implementation plans for projects within each of the Sector Consortia. It is expected that the 29 projects will subsequently lead to proposal development with teaming agreements, cost estimates, WBS, and funding strategies. Ultimately, the event aimed to make significant advances in realizing each Sector Consor-

tium's vision, goal and roadmaps. Currently, CANEUS is reviewing proposals from South Africa, Russia, Singapore and ESA to host CANEUS 2010.

Contact:
Milind Pimprikar
Chairman, CANEUS International,
Montreal, Quebec - Canada
Phone: +1 514 499 3959
E-Mail: mp@caneus.org

Advertisement



Quelle: Philips Research

COMPAMED SPRING CONVENTION 2009

19 May, 2009

AirportConferenceCenter Frankfurt/Main

1-day Business Workshop "High-tech trends in medical technology":

"Mobile applications in diagnostics & therapy";

"Optimized endoscopy – minimally invasive diagnostics & therapy"

Presenters are:

- Texas Instruments Deutschland GmbH
- Philips Research
- IMTEK Institut für Mikrosystemtechnik
- Das Kompetenzzentrum Minimal Invasive Medizin & Technik Tübingen - Tuttlingen e.V.
- ... and many more.

Spoken Language: German



Contact: Ms. Alexia Hallermayer, ah@ivam.de, ph.: +49 231 9742 169