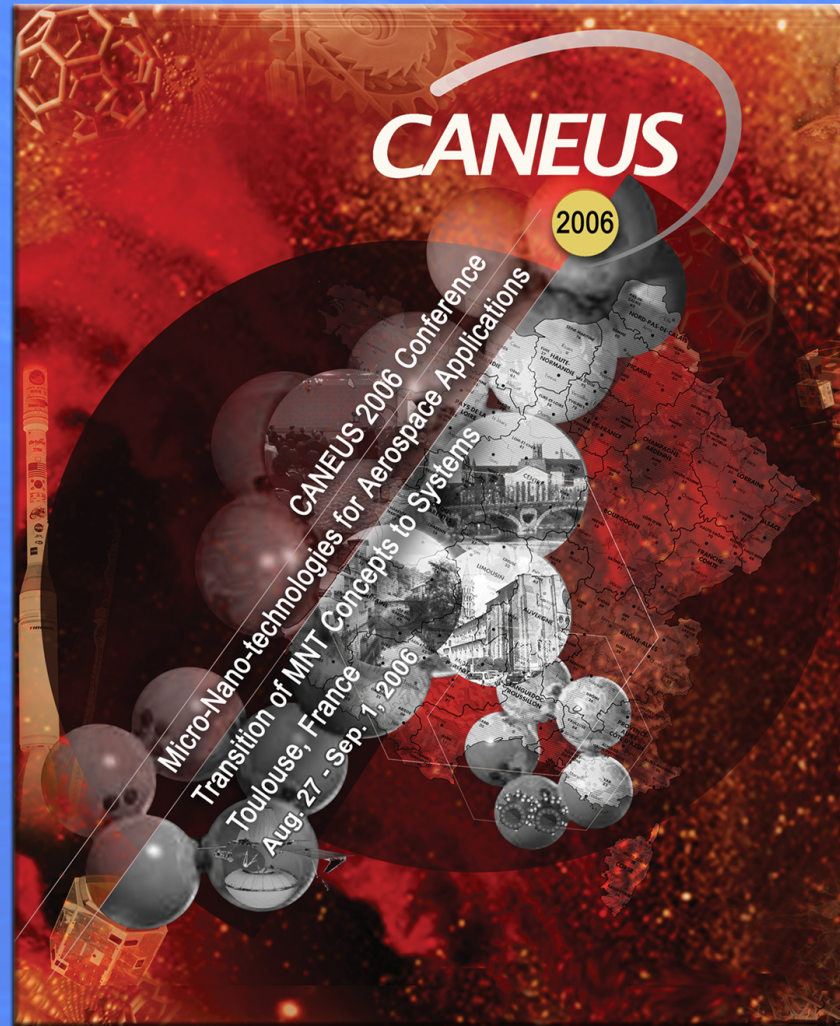




Micro-Nano-Technologies for Aerospace Applications



Overview

CANEUS 2006 is the world's foremost international conference devoted to Micro-Nano-technology (MNT) development for aerospace applications. The CANEUS 2006 conference continues to build on the theme developed during previous, successful CANEUS conferences namely, the challenge of rapidly and efficiently transitioning aerospace MNT development from a mostly low technology-readiness-level (TRL) stage to system-level implementations. Thus, CANEUS 2006 explores the formation of an integrated "cradle-to-grave" approach for aerospace MNT development.

Objectives

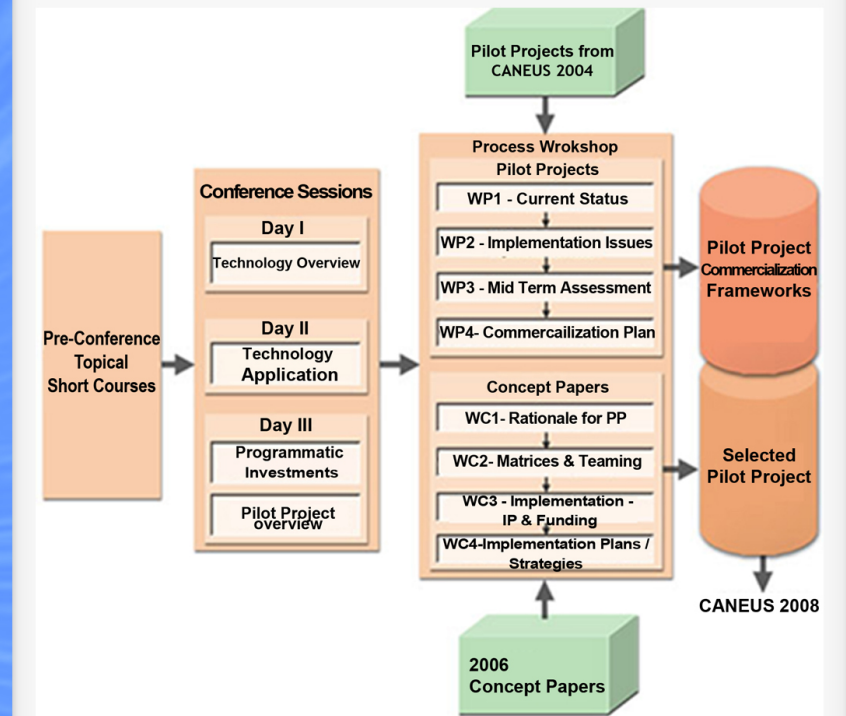
CANEUS has a worldwide mission of fostering successful collaborations leading to the cost-effective transition of emerging MNT concepts to system-level application.

CANEUS 2006 will solidify the foundation that we laid in CANEUS 2004. We expect announcement of real partnerships within regions as well as internationally, aimed at transitioning MNT to Aerospace applications.

Format

1. Format will be consistent with CANEUS 2004.
2. Speakers at Conference sessions and Workshop Panels will be world experts and by invitation only.
3. Short courses (1 day) on relevant topical areas will be conducted prior to the start of the conference. They will provide the technical background in key areas pertinent to the conference.
4. Technical exhibitions will cover the state-of-the-art in MNT related tools and resources as well as end-user' applications.

Structure



Program

The conference program will include one day of short courses, three days of conference sessions and two days of workshops, consistent with the CANEUS 2004 program.

- Welcome Reception at Mairie de Toulouse
- Cocktail by Airbus
- Gala Dinner
- Reception
- Visits to EADS and Airbus sites
- A "CANEUS Cup" golf tournament
- Sightseeing and wine-tasting trips

400 participants are expected to participate representing the three CANEUS regions

Topics

Novel MNT-based concepts for devices and systems, challenges with MNT-based system development, MNT infusion into missions, perspectives on government and private investment into MNT development, as well as end-user perspectives. The following list of topics is intended to provide ideas for papers; in addition, papers dealing with lessons learned in transitioning new technologies to applications are highly sought after and encouraged.

- Structures and Materials
- Application Needs and Requirements
- Systems and Sub-Systems
- Packaging and Reliability Testing
- Missions
- Investment and Collaboration

Organizers

Organized by



Cooperating Organizations

- ONERA
- CNES
- CNRT
- CNRS
- ISSAT
- EADS

Contact Information

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