CANEUS 2006 Format

a. Conference Short Courses

Time	Sunday, August 27, 2006
8:30 to 9:00	Registration and Welcome
9:00 to 10:30	SC1 From Concept to Commercialization
10:30 to 11	Coffee Break
11:00 to 12:30	SC2 MEMS and Nano Technologies for Space
12:30 to 14:00	Lunch
14:00 to 15:30	SC3 Reliability of MEMS and NEMS; Microfabrication Technologies
15:30 to 16:00	Coffee Break
16:00 to 17:30	SC4 ITAR - Inter-Governmental Agreements, Flight Opportunities, Standards, Export policy restrictions, Environmental, Safety
17:30 to 18:00	Conclusions
18:30 to 19:30	CANEUS Committee Meeting
20:00	**Opening Banquet with Wine and Cheese Reception**

b. Conference Sessions Organization: Monday, August 28, 2006 to Wednesday, August 30, 2006

Time	Monday, August 28, 2006		Tuesday, August 29, 2006		Wednesday, August 30, 2006	
	Technology Overview		**Technology Applications and Considerations**		**Programmatic**	
8:30 to 9:00	**Opening Speech**: describes the purpose, objectives and overview of the CANEUS 2006 conference program		Keynote Speaker 2		Keynote Speaker 4	
Morning	***Low TRL Sessions***		***Applications Sessions***		***Investments Sessions***	
9:00 to 10:30 (90 Minutes) 4 Speakers (1 Lead Speaker and 3 Speakers)	Session S01 **Low TRL Materials**	Session S02 **Low TRL Devices**	Session S09 **Unmanned Space Needs**	Session S10 **Aeronautics Needs**	Session S17 **Governmental Investment Low TRL**	Session S18 **Governmental Investment Mid / High TRL**
	Invited talks providing technology overviews	Invited talks providing technology overviews	Invited talks providing MNT application areas for Unmanned Space Exploration	Invited talks providing MNT application areas within Aeronautics	Invited talks providing current Governmental investment overview	Invited talks providing current Governmental investment overview
10:30 to 11:00	Coffee Break		Coffee Break		Coffee Break	
11:00 to 12:30 (90 Minutes) 4 Speakers (1 Lead Speaker and 3 Speakers)	Session S03 **Low TRL Materials**	Session S04 **Low TRL Devices**	Session S11 **Manned Space Needs**	Session S12 **Defense Needs**	Session S19 **Private Investment Low TRL**	Session S20 **Private Investment Mid / High TRL**
	Invited talks providing technology overviews	Invited talks providing technology overviews	Invited talks providing MNT application areas for Manned Space Exploration.	Invited talks providing MNT application areas within Defense	Invited talks providing current private investment overview	Invited talks providing current private investment overview
12: 30 to 14:00	Lunch+ Keynote Speaker 1		Lunch+ Keynote Speaker 3		Lunch+ Keynote Speaker 5	
Afternoon	***Mid / high TRL sessions***		***Reliability and Lessons Learned***		***Coordinated International Collaborations***	
14:00 to 15:30 (90 Minutes) 4 Speakers (1 Lead Speaker and 3 Speakers)	Session S05 **Mid TRL Materials**	Session S06 **Mid TRL Sub-Systems**	Session S13 **Reliability / Packaging**	Session S14 **Lessons Learned from Aeronautics**	Session S21 **International Collaborations Low TRL**	Session S22 **International Collaborations Mid / High TRL**
	Invited talks providing technology overviews	Invited talks providing technology overviews	Invited talks providing overviews of MNT Reliability Testing	Invited talks providing some of the lessons learned in transitioning new technologies to Aeronautics Applications.	Invited talks providing overviews and lessons learned from international collaborations in low TRL MNT development.	Invited talks providing lessons learned from international collaborations in mid - high TRL
15:30 to 16:00	Coffee Break		Coffee Break		Coffee Break	
16:00 to 17:30 (90 Minutes) 4 Speakers (1 Lead Speaker and 3 Speakers)	Session S07 **High TRL Materials**	Session S08 **High TRL Systems**	Session S15 **Lessons Learned from Defense**	Session S16 **Lessons Learned from Space**	**CEO Policy Panel S23** **The future of the aerospace industry with the promises and challenges of emerging Micro-Nano-Technologies**	
	Invited talks providing technology overviews	Invited talks providing technology overviews	Invited talks providing some of the lessons learned in transitioning new technologies into civilian and military aircraft applications	Invited talks providing some of the lessons learned in transitioning new technologies to Space Applications	Invited talks discussing how aerospace companies can influence future MNT investment by government agencies and private capital and how current national and international policy agreements can be changed to make international collaborations possible.	
17:30 to 18:30	Poster Session		Poster Session		Poster Session	
18:30 to 21:00	**Reception by Airbus / Aerospace Valley**		**Reception by Mayor of Toulouse**		**Banquet at Chateau Launac**	

c. CANEUS 2006 Workshop Sessions Organization: Thursday, August 31, 2006

Time	Thursday, August 31, 2006						
	Focused Topical Workshops						
8:30 to 9:00	Keynote Speaker 7						
9:00 to 10:30	**MNT - Concept Topic Introduction**						
Workshop Session 1	In this common session short introductory presentations will be given by Developers/ Workshop Coordinators to inform the audience on: • **Objectives** • **Proposed Technical solutions** • **Product Development, Schedule, and Teaming** • **Major milestones**						
10:30 to 11:00	Coffee Break						
11:00 to 12:30	**End User Requirements**						
Workshop Session 2	End users and customers will present their requirements and the respective market potential. • **Market Information**						
	WP1 Materials	**WP2** Harsh Environment Sensors	**WP3** Nano-Pico-Satellites	**WP4** Reliability of MNT Systems	**WP5** Micro-Energetic	**WP6** Aircraft / Spacecraft Structural Monitoring	**WP7** Astronaut Health Monitoring
12:30 to 14:00	Lunch+ Keynote Speaker 8						
14:00 to 15:30	**Technology and Teaming**						
Workshop Session 3	The technology development plan for each topic is presented and discussed. • **Technology Development Details** • **Description of technologies in use** • **Teaming** • **Schedule** • **Milestones**						
	WP1 Materials	**WP2** Harsh Environment Sensors	**WP3** Nano-Pico-Satellites	**WP4** Reliability of MNT Systems	**WP5** Micro-Energetic	**WP6** Aircraft / Spacecraft Structural Monitoring	**WP7** Astronaut Health Monitoring
15:30 to 15:45	Coffee Break						
15:45 to 19:00	**Site Visits to Airbus and Alcatel**						

d. CANEUS 2006 Workshop Sessions Organization: Friday, September 1, 2006

Time	Friday, September 1, 2006						
8:30 to 9:00	Keynote Speaker 9						
9:00 to 10:30 **Workshop Session 4**	**CANEUS MNT Development Framework** This common session will provide information on the CANEUS guidelines and expectations for each Pilot Project. • **Financial support, IP Issues, business plan format** • **Evaluation process** • **Government and private investment sources**						
10:30 to 11:00	Coffee Break						
11:00 to 12:30 **Workshop Session 5**	**Business Aspects** Discussion on potential markets and strategies for addressing them. • **Dedicated international collaborations** • **Dedicated financial support** • **Opening towards other markets (if applicable)**						
	WP1 Materials	**WP2** Harsh Environment Sensors	**WP3** Nano-Pico-Satellites	**WP4** Reliability of MNT Systems	**WP5** Micro-Energetic	**WP6** Aircraft / Spacecraft Structural Monitoring	**WP7** Astronaut Health Monitoring
12:30 to 14:00	Lunch + Keynote Speaker 10 (Closing Remarks)						
14:00 to 15:30 **Workshop Session 6**	**Project Implementation Plan** Discussion on Pilot Project implementation plans and the roadmap to developing system level prototypes within 3 years. • **Budget estimates** • **IP Management** • **Teaming Relationships** • **Schedule** • **Milestones**						
	WP1 Materials	**WP2** Harsh Environment Sensors	**WP3** Nano-Pico-Satellites	**WP4** Reliability of MNT Systems	**WP5** Micro-Energetic	**WP6** Aircraft / Spacecraft Structural Monitoring	**WP7** Astronaut Health Monitoring
15:30 to 15:45	Coffee Break						
15:45 to 17:00 **Workshop Session 7**	**Process Workshop Summary** In this common session Developers/ Workshop Coordinators will present short summaries on the outcomes of these workshops and the proposed implementation plans for the Pilot Projects.						