



The EC 6th framework integrated project SENSATION invites you to the
SENSATION 2nd International Conference

**Monitoring sleep and sleepiness with new sensors within
medical and industrial applications**

June 4 & 5, 2007, Chania, Crete, Greece

In collaboration with the European Sleep Research Society

And in collaboration with the IEEE EMBS

Sleepiness and sleep (quality and duration) have become important factors in health and safety and there is considerable interest in developing tools for unobtrusive monitoring of these states and their transitions. This is the main research aim of the SENSATION project (Advanced sensor development for attention, stress, vigilance and sleep/wakefulness monitoring) which involves 45 partners in academia and industry and is now nearing the midpoint of its research life. We are therefore inviting colleagues to a scientific symposium to discuss the state of the art on unobtrusive monitoring of sleep and sleepiness. The subject area includes the physics and technology involved in sensors and sensor systems, the physiology of sleepiness and sleep quality (including risk criteria and automatic scoring systems) and the implementation of technology and physiology in medical and industrial environments. We think this may be a unique opportunity to exchange views on these important topics.

Sessions will be organized around the following topics:

- Physiology of Sleep and sleepiness
- Sensors for the detection of sleep and sleepiness
- Medical applications related to hypersomnia
- Medical applications related to insomnia
- Vigilance monitoring
- Fatigue management

The Conference involves keynote and introductory speakers, oral sessions (covering the areas above), poster sessions and exhibition area.

Among the **keynote speakers** will be Prof. Hans-Jörg Bullinger, (President of Fraunhofer Institute), Prof. Constantinos Stephanides (Director of the Institute of Computer Science of the Foundation for Research and Technology Hellas), Prof. Christian Guilleminault (Professor of Neurology, Stanford University, USA), Prof. Max Hirshkowitz (Baylor College of Medicine, the Veterans Administration Hospital, Houston, Texas, USA).

Scientific committee: Thomas Penzel, Torbjörn Åkerstedt, Alain Muzet, Björn Peters, Serge Boverie, Alexander Bullinger, Evangelos Bekiaris, Angelos Amditis, Giulio Ruffini, Jouko Viitanen, Nicos Maglaveras.

Deadline for abstracts (1000-1200 words): January 24, 2007.

On-line submission at: www.sensation-eu.org.

See you in Crete!

Evangelos Bekiaris (Project coordinator, Chair Local Organizing Committee)

Thomas Penzel (Chair Scientific committee)

Please, see overleaf

Chania is the most poetic city of Crete when you walk through it leaves you with a pleasant taste of beauty. Built on the ruins of ancient Kidonia it has seen and survived many invaders, but has also tasted civilizations that left their marks on building faces, castles, walls, antiquities, monasteries and churches.



The city has two entrances: the airport of Akrotiri, and the port of Souda (the largest in the Mediterranean). The public market holds a master place in the center of the city, a brilliant cross-shaped building that was completed in 1913, and in proportion with the one in Marseilles.

The Venetian port picturesque any time and season is attractive to visitors and locals, for its beauty and for its choices of entertainment for all tastes and demands. The old city "intramural" districts preserve their Venetian nobility. Narrow paved alleys are surrounded with tasteful renewed houses, from various ages, are offered for a pleasant walk. Many neoclassic houses are also saved in districts which "neighbour" with the city of Chania, like Halepa.

Venue: Hotel **Minoa Palace**, Chania, Crete.

The hotel is situated at the tourist area of Platanias, 12km west of Chania town center and 24 km from Chania International Airport, and only 100m from a long sandy beach. Platanias is famous for its extensive and breathtaking coast, which oversees the Cretan Sea and continues inland to meet the sublime beauty of the Lefka Ori Mountain. For more information please visit the hotel's web site <http://www.minoapalace-chania.gr/>.



Local Organizer: CERTH-HIT. Chair of local organizing committee: Dr Evangelos Bekiaris.
For inquiries, please contact the Conference Secretariat: sensation@certh.gr
For updated information and registration, please see: www.sensation-eu.org
For Exhibition arrangements, please contact: Mrs. Stella Nikolaou, snikol@certh.gr

Exhibition Opening Reception: June 3, 2007 (19:00).

Conference Dinner: June 4, 2007 (20:00, only for at least 50 participants).

Important dates

- Second announcement: November 31, 2006
- Deadline for Abstracts: January 24, 2007.
- Deadline for Exhibition proposals: February 15, 2007.
- Abstracts Evaluation Results: February 20, 2007.
- Draft program: February 28, 2007
- Early registration: March 31, 2007
- Final Papers (guidelines by February 28, 2007): April 15, 2007
- Final program: May 31, 2007

Early registration fee (March 31, 2007):

- Delegates: 170€
- Students: 100 €

Late registration fee (possible also on-site):

- Delegates: 250€
- Students: 150€

The fee includes participation to the Conference, abstract book, conference bag, exhibition opening reception and coffee/lunch breaks. The Conference dinner is not included in the registration fee.

Abstracts: Please submit abstracts (maximum two for each main author) via the Conference website by **January 24, 2007**. Abstracts must be written in English. Please use the instructions on the home site.

Please register online (www.sensation-eu.org). In case you are not able to register online or in case you are a student, please contact the Conference Secretariat sensation@certh.gr for further information.