

# MEDICS

Access to Expertise and Technologies



## MEDnews 2/2002 December 18, 2002

Welcome to MEDnews 2/2002, the electronic newsletter of MEDICS, the European Centre of Competence for Biomedical Microdevices. MEDnews is periodically sent to a continuously growing number of friends and partners within the biomedical community. The current distribution list contains more than 1,200 recipients.

In October 1997, MEDICS was launched in the framework of the European initiative 'Europractice'. Since July 2002, the MEDICS consortium consists of:

- +Fraunhofer Institute for Biomedical Engineering IBMT (D) as coordinator
- +i2m Design (E)
- +Zarlink Semiconductor(F)
- +Swiss Center for Electronics and Microtechnologies CSEM (CH)

MEDICS offers various technology, information and consulting services to stimulate the use of microtechnologies for biomedical applications.

--> For further details on MEDICS please visit:

<http://www.medics-network.com>

--> Do you want to be deleted from this mailing list?

[mailto:medics@medics-network.com?subject=unsubscribe\\_MEDnews](mailto:medics@medics-network.com?subject=unsubscribe_MEDnews)

--> Former issues of MEDnews can be downloaded at:

<http://www.medics-network.com/download/download.htm>

Yours sincerely

Andreas Schneider

-----

Andreas Schneider

Project Manager

Fraunhofer IBMT - MEDICS Co-ordination Office

Industriestrasse 5, D-66280 Sulzbach

Tel: +49 (0)6897/9071-42, Fax: -49

<mailto:medics@medics-network.com>

<http://www.medics-network.com>

# MEDICS

Access to Expertise and Technologies



----- M E D n e w s 2/2002 - December 18, 2002 -----

-----

Topics

1. MEDICS NEWS
2. UPCOMING EVENTS
3. SEASON'S GREETINGS

-----

1. MEDICS NEWS

## 1.1 NEW PARTNER CSEM

Since July 2002, the Swiss Centre of Electronics and Microtechnology (CSEM) has been strengthening MEDICS. The CSEM is a Swiss-based industrial non-profit company that will bring its extensive network of clinicians and its expertise in ophthalmology systems, sensors for in vitro diagnostics and wearable medical monitoring systems into MEDICS.

More information:

<http://www.csem.ch>

## 1.2 MEDICS CORE COMPETENCES

Based on the expertise of the MEDICS-team and its supporting organisations, MEDICS core competences are:

- + Development and low-volume manufacturing of active biomedical implants for monitoring and stimulation.
- + Development of sensors for in vitro diagnostics and patient monitoring.
- + Development of telemetry systems for applications in home monitoring and health telematics.
- + Design and volume manufacturing of application-specific integrated circuits (ASICs) that excel in lowest power consumption, highest level of integration and reliability dedicated to applications in hearing aids, active biomedical implants and portable devices.

## 1.3 NEW TEAM MEMBER

Since July 2002, Markus Michel is a new team member at MEDICS/Fraunhofer-IBMT. He studied technical economics and brings in his expertise in marketing, information technologies and knowledge & project management.



## 1.4 PRODUCT & SERVICE CATALOGUE

MEDICS' updated Product & Service Catalogue will be available early in 2003. The catalogue will give detailed information on the different services within the mentioned core competences of MEDICS.

## 2. UPCOMING EVENTS

2.1 MEDICS at Medical Device Technology, Exhibition & Conference. Birmingham (UK), 12-13 February 2003. Presentation: 'Biomedical microdevices: Potential, existing products and latest developments', by Andreas Schneider.

More information:

<http://mdt2002.mdtevents.com/home.htm>

2.2 MEDICS at MEDTEC Exhibition & Conference. Stuttgart (D), 18-20 March 2003.

Exhibition: MEDICS/Fraunhofer-IBMT (Booth 617) as well as MEDICS/Zarlink (Booth 230) will exhibit at MEDTEC 2003.

More information:

<http://www.medtecshow.com>

2.3 MEDICS in Latin America.

MEDICS will participate in the IX IBERCHIP Workshop (IWS-2003) that will take place in Havana (Cuba), 26-28 March 2003.

More information:

<http://www.iberchip.org>

2.4 Workshop Functional Electrical Stimulation. Saarbruecken (D), 27 May 2003.

The workshop takes place in the framework of the 54th Annual Meeting of the German Society of Neurosurgery.

Morning Session: Talks on selected topics (retinal & cochlear implants, walking stimulators, technologies, ...).

Noon Session: Panel discussion on 'Trends in Functional Electrical Stimulation for Neural Prosthesis'. Afternoon Session: Poster presentations. Poster Presentations on applications in neural prosthesis are welcome.

More information:

<mailto:thomas.stieglitz@ibmt.fhg.de>

---

# MEDICS

Access to Expertise and Technologies



### 3. SEASON'S GREETINGS

The MEDICS-team wishes all of you a Merry Christmas and a Happy New Year.

----- MEDnews 2/2002 - Thank you very much for your attention -----