

## European Competence Centre Biomedical Microdevices

### **M E D n e w s 1/2003 - December 17,2003**

#### **Topics**

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

#### **1. MEDICS NEWS**

>>>> *UPDATED INFORMATION MATERIAL*

Please update your information material on the competence centre MEDICS. The flyer provides a short overview of MEDICS and its services & products. For more detailed information on our services within MEDICS' core competencies (active implants, medical ASICs, biomedical sensors and telemedicine) please check our product & service catalogue.

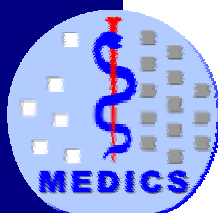
The information material can be downloaded at:  
<http://www.medics-network.com/download/download.htm>.  
If you would like to receive a print version, please send us an email:

[mailto:medics@medics-network.com?subject=information\\_print](mailto:medics@medics-network.com?subject=information_print).

#### *ADVISORY BOARD AT MDT Magazine*

Since May 2003, MEDICS is part of the advisory board of the international magazine Medical Device Technology (MDT). For more information on the MDT magazine please visit:

<http://www.medicaldevicesonline.com>



## European Competence Centre Biomedical Microdevices

### *ARTICLES IN MDT*

Several articles have been or will be published in Medical Device Technology; here is a short overview about the articles:

- 'Magnetic resonance coils for magnetic resonance imaging scanners', see MDT October 2003.
- 'Capillary chip based characterisation of small tissue samples', see MDT November 2003.
- 'Homecare: a telemedical application', see MDT December 2003.
- 'Implantable flexible electrodes for functional electrical stimulation', currently in print.
- 'A system for early detection of skin cancer', under evaluation.
- 'A new system for the monitoring of organs due to transplantation', under evaluation.

### *NEW CONTACT PERSON AT MEDICS/ZARLINK*

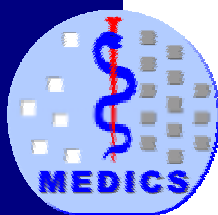
In mid-September 2003, Didier Trin left Zarlink Semiconductor to devote his time to new activities. Reiner Stossun will take over the MEDICS-activities of Didier. We thank Didier for his excellent work and welcome Reiner as our new team member.

Reiner Stossun  
Tel: +49 5138 615273  
Fax: +49 5138 615176  
mailto:reiner.stossun@zarlink.com  
http://medical.zarlink.com.

## **2. UPCOMING EVENTS**

### *NEW POSSIBILITIES IN BIOMEDICAL DEVICE DEVELOPMENT THROUGH MICROTECHNOLOGIES*

MEDICS will give a presentation on this topic at the MDT conference in Birmingham on 11/12 February 2004.  
For more information on the event please visit:  
<http://www.mdtevents.com>.



## European Competence Centre Biomedical Microdevices

### MODULAR PLATFORM FOR THE DEVELOPMENT OF ACTIVE IMPLANTS

Come and hear Fraunhofer IBMT at the XVIIth Aachen Colloquium on Biomaterials on 4-5 March 2004. The following presentations will be given:

- 'Modular system as basis for active medical implant developments' by Klaus-Peter Koch.
- 'Aspects of encapsulation - implantable microsystems' by Anup Ramachandran.
- 'Investigations on the biostability of electrodes as sensors and actuators in micromachined neural implants' by Thomas Stieglitz.

More information is available at:

<http://www.akm-aachen.de/biomat2004/biomat2004.htm> .

See the modular platform for the development of active implants at the Hannover Messe (hall 18) in Hannover, D on 19-24 April 2004.

For more information please contact Klaus-Peter Koch at Fraunhofer IBMT:

mailto:klauspeter.koch@ibmt.fraunhofer.de, Tel: +49 6894 980404.

*MEET US AT THE INTERNATIONAL ONE-ON-ONE COOPERATION FORUM MICROSYSTEMS ON 19 FEBRUARY 2004 IN MUNICH, D.*

For more information on the forum please visit:

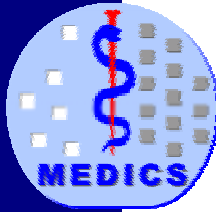
<http://www.bayern-innovativ.de/micro> .

*COME AND MEET US AT THE MEDTEC EXHIBITION & CONFERENCE 2004 IN STUTTGART, D ON 9-11 MARCH 2004.*

At stand 617 we will present different samples covering the topics microimplants in neural prosthesis, telemedicine, microfluidics, biohybrid systems as well as our information and consulting services. We invite you to discuss your specific problems and questions with our experts.

For more information on MEDTEC please visit:

<http://www.medtecshow.com>.



## European Competence Centre Biomedical Microdevices

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

----- Thank you very much for your attention -----

Yours sincerely

Andreas Schneider  
Head of MEDICS

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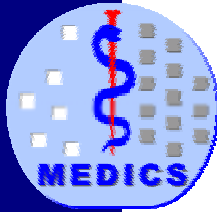
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<http://www.medics-network.com/download/download.htm>.

MEDnews is the electronic newsletter of MEDICS, the European Competence Centre for Biomedical Microdevices. MEDnews is periodically sent to a continuously growing number of friends and partners within the biomedical community. 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 co-ordinator
- + i2m Design (E)
- + Zarlink Semiconductor(D)
- + Swiss Center for Electronics and Microtechnologies CSEM (CH)



## European Competence Centre Biomedical Microdevices

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>.