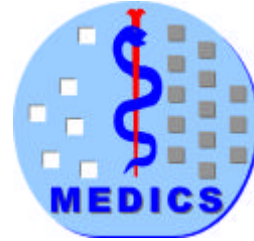


MEDICS

Access to Expertise and Technologies



MEDnews 1/2001 April 12, 2001

Welcome to MEDnews 1/2001, this year's first electronic newsletter of MEDICS, the European Centre of Competence for Biomedical Microdevices.

MEDnews is sent four times per year to a continuously growing number of friends and partners of MEDICS. The current distribution list contains more than 1000 recipients.

In October 1997, MEDICS was launched in the framework of the European initiative 'Europractice'. MEDICS is hosted by the Fraunhofer Institute for Biomedical Engineering IBMT in Sulzbach (D) and by the Centro Nacional de Microelectronica CNM in Bellaterra (E). Since 1999, MEDICS has been operating as a profit centre at IBMT.

MEDnews provides you with information on services and activities related to development and application of biomedical microdevices.

--> For further details of MEDICS' services and activities, please visit:

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

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

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

Yours sincerely

Andreas Schneider

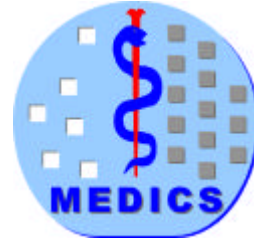
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----- M E D n e w s 1/2001 - April 12, 2001 -----

Topics

1. MEDICS in Progress
2. News on MEDICS' Partners
3. MedTech 2001
4. Upcoming Events

1. MEDICS in Progress

On December 5, 2000, the second MEDICS-Workshop on 'Micropackaging and Interconnection Technologies for Innovative Biomedical Devices' took place at MEDICS' home town, in Sulzbach, Germany. A workshop review is now available, including information on the participants, the speakers and their presentations. You will also find a picture gallery as well as information on a press review and a video made at the workshop.

For more information please click:

<http://www.medics-network.com> (Click workshop-review button).

From January 30-31, 2001, the MicroTech took place in London, UK. The presentation Andreas Schneider gave on that occasion ('Flexible Interconnects for Biomedical Microsystems Assembly') can be downloaded at:

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

MEDICS' study on 'Developments in Biomedical Devices - Regional Strategy Concepts in Saxonia (Germany)' which started in May 2000 under contract of the State government of Saxonia, was completed.

The study is a follow-up of MEDICS' analysis on scientific and industrial biomedical potentials in Saxonia which was completed in December 1999.

Both, the analysis (Products and Services for Medicine - Economically relevant potentials in Saxonia) and the study (Products and Services for Medicine - A Saxonian political strategy) are now available in German, in printed form, for the price of 35 euros plus VAT and shipping each.

If you are interested in receiving the studies, or either of the two parts, please download the order form at <http://www.medics-network.com/download> and fax it back to us.



Mid April 2001, Jochen Schmidt will join MEDICS, and will be concerned with MEDICS' consulting and information services. Mr Schmidt studied Technical Biology and Bionics at the University of the Saarland in Saarbrücken, focussing on physiology, biomechanics and biomedical techniques. He received his Dipl.-Biol. (Master degree) in February 1999. After studying International Business Administration at the Business School of Bournemouth University, he was awarded his MBA in April 2001.

2. News on MEDICS' Partners

MEDICS' partner Bartels Mikrotechnik GmbH will be present at the Hannover Fair "Micro Technology" from April 23-28, 2001. You will find their booth in hall 7, E 38.

More information: <http://www.hannovermesse.de>.

"Micro Technology" is the new highlight at the Hannover Fair in the microtechnology sector. Bartels Mikrotechnik GmbH will present products from all major fields of industrial application of microtechnology. Particularly innovations for biotechnology and medical technology as well as new products in the fields microcables, microgrippers and microfluidics will be central points.

More information: <http://www.bartels-mikrotechnik.de/presse>.

3. MedTech 2001

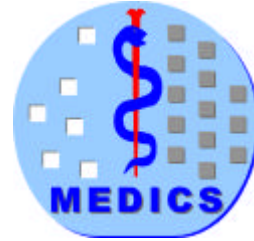
The International Trade Fair for the Design and Production Engineering of Medical Devices, MedTech, will take place in Frankfurt/Main (D) from June 26-28, 2001, and will be accompanied by a special exhibition on 'Miniaturisation in Medical Device Technology'. Fraunhofer IBMT with its competence centres MEDICS, the European Centre of Competence for Biomedical Microdevices, and MOTIV, the German Centre of Competence for Medical Devices, specialized in monitoring- and interventional systems, will have a booth at the MedTech.

You will find our booth in hall 9, G 041, where the following topics will be presented:

- polyimide-based microelectrodes
- telematic home-care systems
- ultrasound-based intraoperative navigation systems
- miniaturised ultrasound transducers
- microimplants
- biocompatible interconnection technologies
- information & consulting services for the biomedical community

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For more information on the TechMed, please check

<http://www.schall-messen.de/techmed/eng/home>

If you are interested in arranging an appointment at our booth, please

<mailto:medics@medics-network.com?subject=TechMed>

4. Upcoming Events

Fraunhofer IBMT at the Transducers 2001 in Munich, June 10-14, 2001.

Presentations:

"Retina Implant - A BioMEMS Challenge", by J.-Uwe Meyer (keynote speech);

"Flexible BIOMEMS with Electrode Arrangements on Front and Back Side as Key Component in Neural Prostheses and Biohybrid Systems", by Thomas Stieglitz.

More information: <http://www.transducers01.de>

Fraunhofer IBMT at the IFESS Conference 2001 in Cleveland, Ohio, June 16-20, 2001:

Different presentations on implantable neural electrodes, electrode multiplexers and stimulators: Thomas Stieglitz, Martin Schüttler, Klaus-Peter Koch and Oliver Scholz.

More information: <http://feswww.fes.cwru.edu/ifess>

Fraunhofer IBMT at the Medical Device Technology Conference in Galway, Ireland, June 26-27, 2001.

Presentation: "Implantable Microsystems for Monitoring and Neural Rehabilitation", by Thomas Stieglitz.

Fraunhofer IBMT at the 13th International SMIT Conference in Berlin, June 28-30, 2001.

Presentation: "Interfacing Neural Structures with Microdevices", by Thomas Stieglitz.

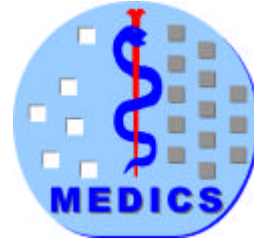
More information: <http://www.smit.de>

Moreover, Mr Stieglitz will chair the session 'Biointelligence - Interface between Medicine and Computer Science'.

Fraunhofer IBMT at the 5th International Conference on Cellular Engineering in Aachen (D), July 4-6, 2001.

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Different presentations on brain repair systems, cell- & tissue-based biosensors, 'living biochips', synchronized screening of drugs, gene therapy, nerve-microstructure interfaces: Andrea Robitzki, Hagen Thielecke, Alexandra Mack and Thomas Stieglitz.

More information:

<http://www.zellbiophysik.fh-aachen.de/conference/index.html>

----- MEDnews 1/2001 - Thank you very much for your attention ----