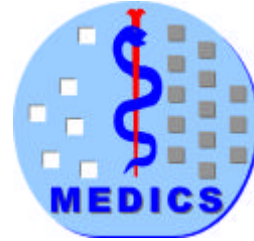


MEDICS

Access to Expertise and Technologies



MEDnews 1/2000 April 3, 2000

Welcome to MEDnews, the first MEDICS newsletter of this year.

MEDnews is published four times per year to a continuously growing number of friends and partners of MEDICS, the European Centre of Competence for Biomedical Microdevices.

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).

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>

-> Please contact us, if you would like to receive former issues of

MEDnews:

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Yours sincerely

Andreas Schneider

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MEDICS Project Manager Tel: +49 (0)6897/90 71 40

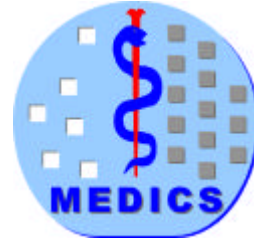
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----- M E D n e w s 1/2000 - April 3, 2000 -----

Topics

1. MEDICS in Progress
2. News on MEDICS' Partners
3. Second Workshop 'Micropackaging'
4. Upcoming Events

1. MEDICS in Progress

Starting with a basic funding of the European Commission, MEDICS now generates an increasing income by providing a combination of professional technology, information and consulting services. Since 1999, MEDICS has been operating as a profit centre at IBMT.

One of MEDICS' strong assets is a broad network of pertinent contacts. MEDICS is in contact with more than 500 experts in key roles for the development of innovative biomedical devices.

Since 1998, MEDICS has performed 17 technical studies and market investigations, 12 technical services and various consulting services. In December 1999, the European Commission approved the project INTECS (Information Services and Technology Access for Biomedical Microdevices).

As a part of MEDICS, INTECS provides access to information on microtechnologies, products and compounds, to expertise in biomedical microdevices and to standard components such as microelectrodes, telemetry and multi-sensor units.

In January 2000, Dr. Sven-Peter Heyn, Executive Manager of MEDICS, was appointed co-ordinator of the 'NEXUS User and Supplier Club Biomedical Devices'.

In March 2000, MEDICS has changed its internet address. Now, MEDICS is accessible via <http://www.medics-network.com>.



MEDsearch

- MEDICS' internet portal to internet information on medical technology, biomedical engineering and microdevices - has been newly designed and is directly accessible via our homepage. The current version of MEDsearch provides access to 100.000 selected documents.

On March 31st, the German Federal Ministry of Education and Research (BMBF) has nominated IBMT and its partner Laser Medizintechnik GmbH (LMTB) in Berlin as the 'Centre of Competence for Miniaturised Monitoring and Intervention Systems (MOTIV)'. The centre is headed by Prof. Meyer at IBMT.

Major objectives are to initiate and support innovative developments in the fields of therapy control, ambulant monitoring, microimplants and endosystems. MEDICS will be in charge of the general management of the centre.

2. News on MEDICS' Partners

Since January 2000, Bartels Mikrotechnik GmbH (D) has become a MEDICS partner in order to form a strategic alliance in the field of 3-D-microstructuring. Bartels strengthens MEDICS and its technology portfolio by providing Europe's best excimerlaser system, a dedicated fabrication tool for rapid prototyping and structuring of polymers.

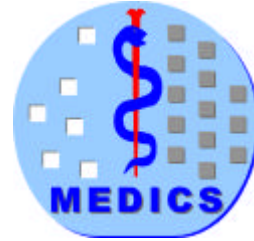
Bartels' products and services include the modular fluid concept MFC, nano wellplates, the embedding of microelectrodes in fluidic structures, the structuring of microcables and electrodes.

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

In December 1999, Technology for Industry TFI Ltd. (GB) has become a MEDICS partner. For downloading TFI's presentations on 'Cost Models for MST', 'The Product Design Cycle for an MST Device' and 'Timescales for the Introduction of MST into Medical Devices', please visit

<http://www.medics-network.com/network>. Furthermore, you can order TFI's 'Microsystems Industry Report 1999' at <http://www.tfi-ltd.co.uk/>.

Since March 2000, the Deutsche Bank Microtechnology Innovation Team has become a MEDICS partner providing expertise in financing of high tech innovations.



3. Second Workshop 'Micropackaging'

The excellent response to our workshop 'Micropackaging and Interconnection Technologies for Innovative Biomedical Devices' encouraged us to organise a second workshop focussing on this topic. It will take place on December 5, 2000 in Germany. The intention of the workshop is to introduce trends in

industrial biomedical device developments and to present advanced micropackaging and interconnection technologies. More information on the 1999 workshop:

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

4. Upcoming Events

Microtechnology Innovation Team of Deutsche Bank AG and MEDICS at 'Biomedical Applications of Micro & Nano Devices' - April 10-11, 2000 -Newcastle (UK):

Presentation: 'Potentials, Products and Markets for Micro and Nano Devices'.

More information: <http://www.access-conf.com/>

Fraunhofer IBMT at 'Interdisciplinary Design and Simulation Tools for Micro and Biomedical Fluidic Applications' - June, 2000:

Presentation: 'Design and Simulation of a Fluidic System for a Medium

Density DNA-Array for the Measurement of Interaction Kinetics'.

More information: <http://www.cfdrc.com/>

Fraunhofer IBMT at MICRO.tec 2000 - September 25-27, 2000 - Hannover (D):

Different presentations on microfluidics, implantable microdevices and telematic homecare.

More information:

<http://www.vde.com/vde/html/d/veranst/microtec/microtec.htm>

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MEDICS at 'Potentiale der Nanotechnologie fur NRW' - May 10, 2000

Duisburg (D):

Presentation: 'Nanotechnologie - Chancen fur Medizin und
Wirtschaft'.

----- MEDnews 1/2000 - Thank you very much for your attention -----