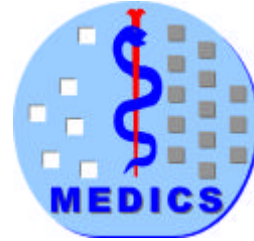


MEDICS

Access to Expertise and Technologies



MEDnews 3/2001 November 22, 2001

Welcome to MEDnews 3/2001, this year's third 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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mailto:medics@medics-network.com?subject=unsubscribe_MEDnews

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

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

Yours sincerely

Andreas Schneider

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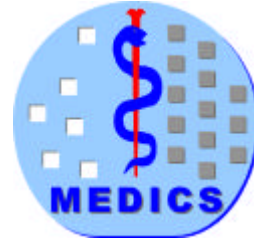
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----- M E D n e w s 3/2001 - November 22, 2001 -----

Topics

1. MEDICS in Progress
2. News on MEDICS' Partners
3. MEDTEC Show 2002
4. Upcoming Events

1. MEDICS in Progress

On the occasion of an introductory course and panel discussion on microsystems held at the Los Andes University in Bogota (Columbia) from October 3-5, 2001, Jordi Aguilo presented MEDICS' services in a tutorial on "Microsystems in Bioengineering". Experts from France, Spain and a range of Latin American countries presented different case studies and participated at the discussion on various microsystems topics.

For further information on MEDICS' activities in Latin America please contact:

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Since we have realized an increasing interest in IBMT's biocompatible flexible electrodes based on polyimide, we decided to announce once again the latest version of the catalogue 'Available Flexible, Light-weighted Microelectrodes', which is available since July 2001. Major application fields of these microelectrodes are: neural prosthetics and neurosciences, biosensing, pharmanalysis.

Since 1999, MEDICS has delivered more than 2000 microelectrodes manufactured at IBMT to customers in these fields. The catalogue gives a detailed description of the standard designs readily available at IBMT and is thus an excellent evidence for the IBMT's expertise and know-how, particularly with regard to hybrid designs (combination of polyimide and

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silicone) and the integration of different microelectronic components. However, apart from these standard designs, custom-made designs, are, of course, possible.

If you are interested in receiving the electrode catalogue, please

mailto:medics@medics-network.com?subject=electrode_catalogue

2. News on MEDICS' Partners

EURIMUS, the Industrial Initiative for Microsystems Uses within the framework of the EUREKA programme, aims at increasing the market share for the European industry in products and systems based on microsystems technology. Therefore, EURIMUS is now trying to encourage European medical actors to propose medical and biomedical projects within the frame of EURIMUS. However, in order to receive funding, these projects must clearly show technical innovation - either by using existing MEMS-devices in new applications or by developing completely new devices.

For more information on EURIMUS and on how to submit a project, please contact:

Rene Roussille

EURIMUS Office

Tel: +33/(0)4 38 78 43 96

<mailto:rroussile@cea.fr>

<http://www.eurimus.com>

3. MEDTEC Show 2002

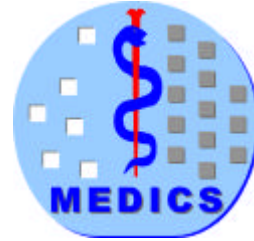
The European medical manufacturing suppliers show, MEDTEC, will take place in Stuttgart (Germany), March 5-7, 2002. Fraunhofer IBMT with its competence centres MEDICS, the European Centre of Competence for Biomedical Microdevices, and MOTIV, the German Centre of Competence for Medical Devices, specialized in monitoring- and interventional systems, will have a booth at the MEDTEC, which is integrated in the Fraunhofer Society booth.

Fraunhofer IBMT will present the following topics:

- biomonitoring
- telematic home-care systems

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- ultrasound-based intraoperative navigation systems
- miniaturised ultrasound transducers
- microimplants and endosystems
- bio-chip-scanners
- computer-aided simulation for biomedical applications
- biocompatible interconnection technologies
- automated screening of toxicological active components
- information and consulting services for the biomedical community.

For more information on the MEDTEC, please check <http://www.medtecshow.com>.

If you are interested in arranging an appointment at our booth, please <mailto:medics@medics-network.com?subject=MEDTEC>.

4. Upcoming Events

Fraunhofer IBMT will have a booth at the IST 2001 Event - "Technologies serving people" in Duesseldorf (Germany), December 3-5, 2001.

You will find our booth in hall 3, P 201, where the following topics will be presented: telematic platform for home healthcare, eHomecare, intelligent patient environment, telehealthsystem, telemedicine, health telematics.

For further information on the IST event please check <http://2001.istevent.cec.eu.int>.

If you are interested in arranging an appointment at our booth, please <mailto:stephan.kiefer@ibmt.fraunhofer.de>.

Fraunhofer IBMT will have a booth at the Innovation Fair "Microsystem Technology - Success Factor for Miniaturisation" in Stuttgart (Germany), February 5, 2002.

The following topics will be presented: Multi-Nozzle-Array for cell-handling, FPW-Transducer for biosensing, biocompatible interconnection, polyimide technology, microimplants.

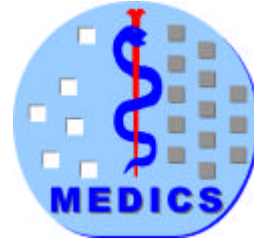
More information: <http://www.steinbeiseuropa.de/events/mikrosystem/>.

If you are interested in arranging an appointment at our booth, please mailto:medics@medics-network.com?subject=Innovation_Fair.

CNM at the IWS 2002, the VIII Workshop Iberchip, in Guadalajara (Mexico), April 3-5, 2002. Iberchip is a European project aiming at encouraging international cooperations between countries in Europe and Latin America

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in the field of microelectronics and microsystems. The goal of the workshop is to bring together the Iberchip partners in order to present and discuss the various activities, the results as well as the future actions of the Iberchip Network.

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----- MEDnews 3/2001 - Thank you very much for your attention ----

