

## VDE/VDI Society Microelectronics, Microsystems and Precision Engineering (GMM)

GMM is responsible for promoting the scientific and technical development of microelectronics, microsystems and precision engineering as well as their applications. GMM organizes symposia, workshops and conferences in order to initiate the dialogue between manufacturers, users, authorities and scientists in various constituent fields. GMM provides a forum for a public discussion on the progress and the opportunities presented by the growth of microtechnologies and for evaluating their consequences. By publishing studies and strategy papers GMM guides politics and society with its expertise. An important focus of the GMM's scope of activities lies in the promotion of young academics.

GMM currently has 9,500 members. These act on an honorary basis, carrying out their technical work in about 40 committees within 7 different expert committees.



**The Dutch Society for Precision Engineering (DSPE)** Independent professional branch organisation for precision engineers based in the Netherlands since 1954. Unique community for stimulating professional contact and sharing knowledge & passion in the field of precision engineering.

The DSPE community has a high diversity: from scientists to craftsmen, employed from laboratories to workshops, from multinationals to small companies and universities. The activities range from certification of precision engineering courses, special interest groups, networking meetings, young precision network, summer schools, publishing a journal Mikroniek (English) and website and several awards.

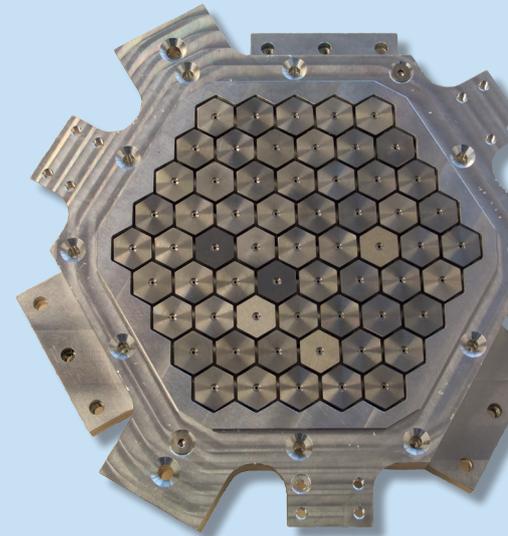


**The Bond van Materialenkennis (BvM)** is a network of experts in the area of material technology. Its members are researchers and technicians at universities, research institutes and industry. Its goal is to disseminate knowledge of the use and application of materials.

It fills the gap between theory and practise, between science and industry. The Bond encourages research and disseminates knowledge at meetings, in reports and publications in scientific and technical journals.

The Bond was founded in 1926, at the moment has almost 800 members, and combines different knowledge and application areas in an association of unions, sections, programs and working groups. One of these sections in the Bond is the section Tribology.

# Cooperation DSPE and VDE



**VDE**

**GMM**

VDE/VDI-SOCIETY  
MICROELECTRONICS, MICROSYSTEMS  
AND PRECISION ENGINEERING

**VDI**



Bond voor Materialenkennis

**DSPE**  
YOUR PRECISION PORTAL

**NRW**  
INTERNATIONAL



Consulate-General  
of the Netherlands  
Düsseldorf

## 2<sup>ND</sup> GAS BEARING WORKSHOP

March 27, 2017

Mercure Hotel  
Düsseldorf Seestern

[www.gas-bearing-workshop.com](http://www.gas-bearing-workshop.com)

### ORGANIZERS

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### FOREWORD OF THE ORGANIZERS

Motivated by the success of the first workshop in 2015 the Dutch Society for Precision Engineering (DSPE) and the VDE/VDI- Society for Microelectronics, Microsystems and Precision Engineering (GMM) are inviting the community again to Düsseldorf for the Gas Bearing Workshop 2017.

DSPE and GMM have been working for a long time in related fields and now started an ongoing process for cooperation. With initial contacts in 2012, the early projects consisted in supporting each other's activities e.g. the German MikroSystemTechnik Kongress and the High Tech Systems event in The Netherlands.

In 2015 experts of both societies came together to discuss the possibilities of cooperation in the field of gas bearings. Gas bearing is a key technology for a broad field of applications. In Europe the leading expertise is located in Germany, The Netherlands and Belgium – a perfect starting position for a cooperation.

With their cooperation, DSPE and GMM aim at strengthening the position of both countries' industries in the global field of precision industry. May we underline that a strong European cooperation in technology is indispensable to face the global competition.

*Jos Guning*  
*Board Member, DSPE*

*Dr. Ronald Schnabel*  
*Executive Director, GMM*