



# EXPLORE THE DYNAMICS OF **POWTECH 2016**

World-Leading Trade Fair for Processing,  
Analysis, and Handling of Powder and Bulk Solids



**19. - 21.4.2016  
IN NÜRNBERG, GERMANY**

## CLOSING REPORT

May 2016

### **POWTECH and PARTEC 2016: the heart of mechanical processing technology beats in Nuremberg**

- **POWTECH: 7 percent more visitors**
- **PARTEC: successfully building bridges with “Industry meets Science”**

**After three very eventful and successful days, POWTECH 2016, the leading fair for the processing, analysis and handling of powder and bulk solids, drew to a close on 21 April 2016. Around 16,300\* trade visitors, roughly 7 percent more than at the previous event, flocked to Exhibition Centre Nuremberg and reinforced the role of POWTECH as the key gathering place for the global process and bulk solids community. A total of 891 exhibitors from 31 countries showcased innovations for entirely new and more efficient production processes. An extensive supporting programme explored the challenges faced by these sectors and presented pioneering solutions. The concurrent scientific congress PARTEC also ended on a high note, having welcomed around 500 congress delegates to discuss fundamental issues and topics of future relevance to particle research.**

“POWTECH has demonstrated impressively that it is the No. 1 trade fair for mechanical processing technology,” stresses Beate Fischer, Exhibition Director for POWTECH at NürnbergMesse GmbH. “There were satisfied faces throughout the six exhibition halls and there was also a lot of interest in the extensive supporting programme.

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\*The figures for visitors, exhibitors and display area at this exhibition are determined and certified according to the standard definitions of FKM, the Society for Voluntary Control of Fair and Exhibition Statistics.



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Exhibitors are reporting that they enjoyed excellent discussions with high-calibre visitors and that the time spent in Nuremberg was very worthwhile.” In 2016, POWTECH launched with a new hall layout that was well received by visitors and exhibiting companies alike. The exhibitors covered a total area of 27,544 m<sup>2</sup> (up from 27,477 m<sup>2</sup> in 2014) and featured an international contingent of 37 percent (32 percent in 2014). The large number of international participants underlines the significance of POWTECH as the leading fair for the sector worldwide. Most of the international exhibitors came from Italy, followed by Switzerland, the UK and the Netherlands. The **next POWTECH** will open its doors in Nuremberg from **26 to 28 September 2017**.

## **Exhibitors: new contacts and new business**

In an independent poll, 93 percent of companies confirmed that they reached their most important target groups, while 92 percent forged new business contacts. Nine out of ten exhibitors believed that they had good prospects for follow-on business after the event. For a clear majority of exhibitors, POWTECH is an important component of their business calendar, with 79 percent of respondents stating that they wanted to take part in POWTECH 2017. One of the largest product categories represented was processing equipment and components (43 percent). A quarter of exhibitors showcased solutions for basic processing technologies for powder and bulk solids, around 14 percent offered products for measurement, control and automation and another 12 percent provided information about services. Most exhibitors felt optimistic about the future: 47 percent expect economic growth in their sector, while another 37 percent believe the situation would remain stable.

## **Visitors: full of optimism and keen to learn**

Visitors to POWTECH were even more optimistic: 60 percent attested to strong or very strong growth in their sector, while 37 percent assume a stable economic trend. According to the poll, eight out of ten POWTECH visitors were inspired to use new products in future. Consequently, 49 percent of respondents stated that an interest in innovations was one of the most important reasons for visiting the fair, while 23 percent of visitors came to POWTECH to get specific information ahead of an investment. Other important reasons for visiting were for their own professional development (35 percent) and to nurture business contacts (32 percent). Some 97 percent of visitors were satisfied with the products on display. In 2016, every third visitor (35 percent) came from outside Germany.



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## **Technology Awards at POWTECH: award-winning innovations**

The following three companies already had something to celebrate on the very first day of the show: Tedima GmbH, Hecht Technologie GmbH and VEGA Grieshaber KG were all proud recipients of a coveted accolade at the POWTECH Awards. The Technology Award in the category Processing Equipment and Components went to Tedima for its 3D seal. In the Pharma/Food category, Hecht won an award for its CFE-L containment drum discharge station, while VEGA Grieshaber had a winner with its VEGAPULS 64 radar pulse liquid sensor in the category C&I Technology/Particle Characterisation. A jury of experts had previously screened the many submissions before deciding on the winners.

## **Mapping the entire pharmaceutical process chain**

The TechnoPharm fair, which had previously been hosted in parallel, was incorporated completely into POWTECH in 2016. The newly created forum “Pharma.Manufacturing.Excellence” in Hall 3A proved to be a meeting point and new home for the pharmaceutical community at the trade fair. Visitors from the pharmaceutical and cosmetics sectors found products and solutions for their segment at more than half of all stands.

## **PARTEC: the think tank for particles researchers**

The international particle technology congress PARTEC took place at the same time as POWTECH at Exhibition Centre Nuremberg. It brought together 472 scientists, R&D managers and particle experts to discuss new trends in the processing of small and ultra-small particles at the highest professional level. Around 40 percent of participants were from overseas and a total of 27 countries were represented at the congress. In tune with the congress theme “Industry meets Science”, they endeavoured to bring together academic knowledge and practical challenges with a view to collaborating on developing new solutions. The more than 240 presentations and discussions as well as a poster exhibition in the foyer offered plenty of opportunities for knowledge-sharing.

## **Accolade for excellence in research**

During the PARTEC opening ceremony, the VDI Association of Process and Chemical Engineering (VDI-GVC) awarded the €3,000 Friedrich-Löffler Prize for Young Scientists to Dr.-Ing. Doris Segets. The scientist at the Department of Particle Technology at Friedrich-Alexander University Erlangen-Nuremberg received the award inter alia for her work on



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nanoscale particles. The Excellence Award in Mechanics of Particulate Solids from the European Federation of Chemical Engineering (EFCE) went to Christopher Ness from the University of Edinburgh.

## **New chairman appointed**

PARTEC 2016 had been chaired by Professor Hermann Nirschl, Director of the Institute for Mechanical Process Engineering and Mechanics at the Karlsruhe Institute of Technology (KIT). He handed over the PARTEC baton to Professor Stefan Heinrich, Director of the Institute of Solids Process Engineering and Particle Technology at the Technical University of Hamburg. Heinrich will chair the next PARTEC congress in 2019. PARTEC takes place every three years in the spring parallel to the POWTECH trade fair.

## **POWTECH worldwide**

POWTECH World is a global network of trade fairs and conferences related to mechanical processing technology. The events that are part of POWTECH World form the ideal platform for global knowledge-sharing and new, worldwide business connections. In addition to the leading global POWTECH fair in Nuremberg, the following POWTECH World Events are also set to take place:

- **POWDER & BULK SOLIDS INDIA**  
International Conference & Exhibition on Storing, Handling and Processing Bulk Solids and Powder, 13. bis 15. Oktober 2016, Mumbai
- **IPB China**  
International Powder & Bulk Solids Processing Conference & Exhibition, 19. bis 21. Oktober 2016, Shanghai
- **POWTECH Brasil**  
Conference and Exhibition for Processing, Analysis and Handling of Powder and Bulk Solids, 23 to 25 May 2017, Sao Paulo, Brazil

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