

# compounding WORLD

## Congress 2016

The international conference on business strategies, innovative additives  
and process optimisation for thermoplastics compounders

**18 - 20 April 2016**  
**Maritim Hotel, Cologne, Germany**



Organised by:



**compounding  
WORLD**

Headline Sponsor:



**The Mineral Engineers**  
A DIVISION OF QUARZWERKE GROUP

Sponsored by:



# compounding WORLD

## Congress 2016

18-20 April 2016, Maritim Hotel,  
Cologne, Germany

AMI and *Compounding World* magazine are pleased to announce the 2nd edition of their Compounding World Congress, which takes place on 18-20 April 2016 at the Maritim Hotel, Cologne, Germany.

This conference will build on the success of the first Compounding World Congress, creating a vibrant meeting place for thermoplastics compounders from throughout Europe and beyond.

Selected by the editorial team of *Compounding World* magazine, the event's high-level programme will explore and develop many of the magazine's most popular themes in a live event. The conference will cover business strategies and new materials technologies, as well as providing practical advice on getting the most from compounding lines.

Its primary focus will be on the production of technical compounds based on engineering thermoplastics, thermoplastic elastomers and performance polyolefins for demanding applications in markets such as the automotive, electrical/electronic, medical and industrial sectors.

Dedicated sessions will focus on the latest additives and formulations for adding value and new functionality to thermoplastics. In addition, there will be analysis of key market trends in the compounding industry, plus discussions on how to grow business in an increasingly competitive global arena. Experts will also cover new developments in processing technology and provide tips on how to optimise compounding operations

### HEADLINE SPONSOR



Quarzwerke Group is a globally active family-owned company with a leading market position in the field of mining and processing of various mineral raw materials. The expertise of the division HPF The Mineral Engineers in developing High Performance Fillers enables solutions for polymers that help improve the efficiency of the customer systems. The latest development are new types of fillers that generate a significant increase in the thermal conductivity of plastics. Quarzwerke is a company with a highly convincing quality philosophy.

Delegates can visit the HPF mine and processing facility, as part of the conference. More details can be found on the next page.



### CONFERENCE HOTLINE

Contact: Kat Langner, Conference Organiser  
Tel: +44 (0) 117 314 8111  
Fax: +44 (0) 117 311 1534  
Email: [kl@amiplastics.com](mailto:kl@amiplastics.com)  
Twitter: @AMIconferences #attendAMI

## THE ESSENTIAL MEETING PLACE FOR COMPOUNDERS

Last year, the Compounding World Congress established itself as the leading meeting place for the international plastics compounding industry, attracting over 230 attendees from 22 countries, plus 25 exhibitors.

### Compounders who attended the Compounding World Congress 2015 in Cologne included:

A. Schulman • Addiplast • Akro Plastic • Albis • Ascend Performance Materials • Audia Plastics / Washington Penn • Barlog Plastics • BASF • Bayer MaterialScience • Benvic Europe • Clariant Masterbatches • Colloids • Comai • Continental Compounders • Delta Kunststoffe • Domo Engineering Plastics • DuPont • Elastron Kimya • Elix Polymers • Ensinger • Eurotec Engineering Plastics • Evonik • Fainplast • Hellyar Plastics • Hoffmann + Voss • HP Polymer • Hubron International • ICO Holland • Inno- Comp • Invista • KEP Korea Engineering Plastics • Lehmann & Voss • LyondellBasell • Melos • Mepol • Mitsui Chemical • MLPC International • Navarra de Concentrados y Aditivos • Nord Color • Polycompound • Polykemi • PolyOne • Polytechs • Premix • Radici • Resin (Products & Technology) • RKW Sweden • Romira • Sabic • Sirmax • Sitraplas • So.F.teR • Solvay Engineering Plastics • Styrolution • Sumika Polymer Compounds • Tipco Industries • Total • Trinseo • Ube Engineering Plastics • Victrex • Wells Plastics

### The exhibition at the Compounding World Congress 2015 in Cologne featured all these leading suppliers:

3M / ESK • Automatik Plastics Machinery • Azo • Brabender • Buss • C.H. Erbslöh • Colloids • DuPont • Feddem • Gala • Georg H. Luh • Grolman • HPF / Quarzwerke • ICMA San Giorgio • Imerys Graphite & Carbon • JSW Japan Steel Works • Mayr • Nordson BKG • PolyAd Services • Polycompound • Polytechs • Reduction Engineering • Sonae / Woodforce • Total Cray Valley • Velox

### FIVE GOOD REASONS WHY YOU SHOULD ATTEND:

- 1 Hear leading experts discuss key trends in technical compounding
- 2 Discover new additive and materials technologies
- 3 Learn practical tips for getting the most from compounding lines
- 4 Gain insights into global market trends and business strategies
- 5 Network with other professionals in the compounding industry

## Save €100\*

### Register before before 4th March 2016

\*+19% German VAT

HEADLINE SPONSOR



## CONFERENCE PROGRAMME

### DAYS 1 & 2

#### Monday 18th April 2016

13.00-17.00 **Site visit to HPF The Mineral Engineers, a division of Quarzwerke Group**

**Delegates will be taken by coaches to and from the HPF facility in nearby Frechen. There will be a tour of the R&D laboratories and a company presentation followed by a networking break.**

17.00-19.30 **Registration**

18.00-19.30 **Welcome Cocktail Reception**

There are no conference sessions on this day

#### Tuesday 19th April 2016

08.00 Registration welcome coffee

09.00 Opening announcements

#### SESSION 1 – MARKET TRENDS AND STRATEGIES FOR SUCCESS

09.10 **Analysing trends in the global thermoplastics compounding industry**  
Mr. Andy Beevers, Publisher, Compounding World magazine, APPLIED MARKET INFORMATION Ltd., United Kingdom

09.40 **Strategies for growing a profitable compounding business in an increasingly competitive global marketplace - panel discussion with:**  
Mr. Massimo Pavin, CEO, SIRMAX SPA, Italy  
Mrs. Hanna Ristola, Managing Director, PREMIX Oy, Finland  
Mr. Murat Cansever, Managing Partner (Technical), EUROTEC ENGINEERING PLASTICS, Turkey

More panelists to be confirmed

10.40-11.10 Morning coffee sponsored by:



#### SESSION 2 – SCALING UP YOUR COMPOUNDING BUSINESS

11.10 **Realising lab scale R&D innovations on a complex global manufacturing environment – challenges & approach**  
Dr. Shyam Sathyanarayana, Polymer Processing Expert, BASF CORPORATION, United States

11.40 **Industry 4.0 for PP-large scale compounding – an example of an inline MFI – closed loop control measurement**  
Dipl.Ing. Sven Wolf, Managing Director, LEISTRITZ EXTRUSIONSTECHNIK GmbH, Germany

12.10 **Advances in polyolefin and polyamide compounds for automotive components: effects of raw materials & processing**  
Dr. Abdullah Al-Mamun, Material & Process Development, Corporate Research & Development, ADLER PELZER GROUP, Germany

12.40-14.10 Lunch sponsored by:



#### SESSION 3 – EXPLORING RECYCLING OPPORTUNITIES

14.10 **Re-compounding: The up-cycling approach that enables a second life for plastics waste**  
Pd.Dr. Manica Ulcnik-Krump, Head of R&D BU Recycled Resource, ALBA GROUP / INTERSEROH DIENSTLEISTUNGS GmbH, Germany

14.40 **Should recyclers compound or will compounders recycle?**  
Mr. Michael Heinzreiter, Head of Marketing & Business Development, NEXT GENERATION RECYCLINGMASCHINEN GmbH, Germany

#### SESSION 4 – NEW OPPORTUNITIES FOR COMPOUNDERS

15.10 **The return of polyketones: developing new compounds and applications including long-fibre grades and tribological components**  
Mr. Dipl.-Ing. Thilo Stier, Sales Director, Innovation Manager, AKRO-PLASTIC GmbH, Germany

15.40-16.10 Afternoon tea sponsored by:



16.10 **Using reactive extrusion to produce polyamides – how compounders can become polymer manufacturers**  
Mr. Quentin Huck, Commercial Manager, SETUP PERFORMANCE, France

#### SESSION 5 – BOOSTING POLYMER PERFORMANCE

16.40 **Compatibilisation of styrene based engineering plastics**  
Mr. Ardy Doelen, Sales and Business Development Manager, POLYSCOPE POLYMERS B.V., Netherlands and Mr. Michael Sommer, Business Development Manager Plastics, GUSTAV GROLMAN GmbH & Co. KG, Germany

17.10 **New developments in processing additives for polyolefins and engineering plastics**  
Mr. Juan Bravo, International Technical Manager – Plastics, STRUKTOL CO. OF AMERICA, United States

17.50 End of Tuesday's conference sessions

20.00 Conference Dinner sponsored by:



Conference Dinner Transport sponsored by:





HEADLINE SPONSOR



**The Mineral Engineers**

A DIVISION OF QUARZWERKE GROUP

## CONFERENCE PROGRAMME

### DAY 3

#### Wednesday 20th April 2016

- 08.00 Registration and welcome coffee  
08.30 Opening announcements

#### SESSION 6 – OPTIMISING FILLED AND REINFORCED COMPOUNDS

- 08.40 **Specifying and processing functional minerals to increase scratch resistance, reduce warpage and add reinforcement**  
Dr. Veronica Mayer, Application Manager,  
KAERTNER MONTANINDUSTRIE GmbH, Austria
- 09.10 **Enhancing the mechanical properties of thermoplastic composites with innovative coupling agents**  
Ms. Elisa Conte, Technical Development Manager  
Polymer Additives,  
AKZONOBEL, Netherlands
- 09.40 **Optimisation of emission behaviour of PP-talc compounds**  
Ms. Shilpa Khare, Research Engineer,  
FRAUNHOFER INSTITUTE FOR STRUCTURAL DURABILITY  
AND SYSTEM RELIABILITY LBF, Germany
- 10.10-10.40 Morning coffee sponsored by:  **BUSS**  
excellence in compounding

#### SESSION 7 – NEW DEVELOPMENTS IN CONDUCTIVE COMPOUNDS

- 10.40 **Thermally conductive polycarbonates – a product class for the electronic industry**  
Dr. Klaus S. Reinartz, Director Marketing LED EMEA,  
COVESTRO DEUTSCHLAND AG, Germany
- 11.10 **Developing a new generation of material additives for increasing the thermal conductivity of plastics while maintaining good mechanical and flow properties**  
Mr. Péter Sebö, Market Development Manager,  
HPF THE MINERAL ENGINEERS / A DIVISION OF  
QUARZWERKE GROUP, Germany
- 11.40 **Exploring a new porous carbon material developed at Delft University of Technology for thermally and electrically conductive plastics**  
Ms. Daniela Sordi, Chief Technology Officer,  
CARBON X, Netherlands
- 12.10-13.20 Lunch

#### SESSION 8 – MAKING THE MOST OF YOUR COMPOUNDING LINES

- 13.20 **How to improve the energy efficiency of plastics compounding operations**  
Ing. Corrado Moneta, Technical Sales Manager,  
ICMA SAN GIORGIO S.p.A., Italy
- 13.50 **Reducing VOC levels of automotive compounds by optimising devolatilisation in twin-screw extrusion process**  
Mr. Kenji Inagawa, Process Engineer,  
JAPAN STEEL WORKS EUROPE GmbH, Germany
- 14.20 **Advanced plant solutions for compounding industry: four concepts based on practical examples**  
Mr. Thomas Stegmeier, Sales Manager AZO®POLY,  
AZO GmbH + Co. KG, Germany
- 14.50-15.20 Afternoon tea sponsored by: 
- 15.20 **Sustainable material handling solutions for a modern compounding process**  
Mr. Pierluigi Mondati, General Manager,  
PENTA Srl, Italy
- 15.50 **More torque or more volume? Which is more important?**  
Dr.-Ing. Thomas Winkelmann, Head of Development  
Plastics Technology,  
KRAUSSMAFFEI BERSTORFF, Germany
- 16.20 **Process optimisation - Techniques and options for more profitable twin-screw compounding**  
Mr. Frank Lechner, Head of Process Technology  
Compounding & Extrusion,  
COPERION GmbH, Germany
- 16.50 Closing announcements and conference ends

Conference signage sponsored by:



Conference bag sponsored by:



Conference lanyard sponsored by:



Conference agenda sponsored by:



Conference CD & download sponsored by:



Conference gifts sponsored by:



#### CONFERENCE HOTLINE

Contact: Kat Langner, Conference Organiser  
Tel: +44 (0) 117 314 8111 Email: kl@amiplastics.com

