

DKT 2024: Catalyst for the rubber industry

The DKT 2024 exhibition and conference returns to Nuremberg, Germany, 1-4 July, offering a forum for knowledge-exchange and innovation across all areas of the global rubber industry.

The event is organised by German rubber society DKG in collaboration with the Kautschuk-Wirtschaftsförderung, a subsidiary of WDK, the Germany rubber industry association.

The conference programme features over 140 presentations from 16 countries and 10 keynote speakers.

Topics addressed will include latest developments and trends ranging from progress towards a 'circular economy' to advances in



automation and future mobility.

Special forums such as a TPE session and educational symposium will offer further platforms for in-depth discussions and knowledge-exchange.

The trade exhibition, spanning an area of 7,700 m², will show-

case the latest products and innovations from over 250 companies. (See listing p38)

Other event features will include a Chinese Pavilion and Science Campus to explore research works and results from academic institutions.

Pick of the papers lined up for Nuremberg

ERJ selection from the many high-level presentations lined up for the conference at the DKT event in Germany:

Raw Materials

Day 1

1:00pm: Sustainable materials – Challenges for the rubber industry
Prof Ulrich Giese, Deutsches Institut für Kautschuktechnologie

1:30pm: Novel solutions for more sustainable elastomers
Dr. Barbara Gall, UPM Biochemicals

4:00pm: Simultaneously optimising abrasion and rolling resistance with advanced synthetic rubber solutions
Dr. Michael Roessle, Synthos Schkopau

Processing

Day 1

1:30pm: Energy savings with tandem technology
Dr. Lukas Hermeling, HF Mixing Group

3:30pm: Advancements in elastomer injection moulding
Dr. Clemens Behnenburg, LWB Steint GmbH & Co.KG, Germany

TPE Forum

Day 1

1:30pm: Sustainability impact on automotive hybrid weather sealing systems
Miguel Angel Romero Barrios, Standard Profil

3:30pm: Soft, safe and sustainable – How do we ensure product safety with sustainable development
Florian Schubert, Hexpol TPE

Solutions – DKT Forum

Day 2

10:00am: Will pyrolysis oil be used as a raw material to close the gap in the circular economy of rubber articles and beyond?
Dr. Cristina Bergmann, Ergon Inc.

Tyre

Day 2

9:00am: Impact of electromobility on the design of tires and wheels
Günter Leister, TWMS-Consulting

11:30am: Silane functionalised liquid rubber for electric vehicle tires
Yoshikazu Ueno, Kuraray

Applications

Day 2

2:00pm: How to make elastomer components “smart”
Matthias Soddemann, Datwyler Schweiz

Sustainability

Day 3

11:30am: Different viewpoints on sustainability – a process additive perspective
Dr. Christian Geidel, Schill+Seilacher “Struktol” GmbH

Future mobility

Day 4

9:00am: Future mobility and the tire business: Sustainability, connectivity and new business and leadership models
Eduardo Minardi, Minardi Global

9:30am: Rubber in heavy vehicles in the electrification journey towards sustainable transport systems
Dr. Martin Bellander, Scania

DKT exhibitor list

Acmos Chemie
AGC Chemicals Europe
AHP Plastik Makina
Alfa Stampi
ALLOD Werkstoff
AM Lubricants & Coatings
AnHui Jinhua Zinc Oxide
Anhui Polyton New Material
Technology
Arburg
Arlanxoe Deutschland
Artigum Handels
Asahi Kasei Europe
Asentics Vario
Atlantis Rubber Powders
AVA Hoonam Polymer
AW Maschinen- und Anlagentechnik
AZuR Netzwerk

Andreas Berg Stahl- und
Maschinenbau
Baoding Julong Microwave Energy
Equipment
Bareiss Prüfgerätebau
Battagion
Behn Meyer Europe
Bekina Compounds
Best (Tianjin) New Material
Technology
Biesterfeld Performance Rubber
Birla Carbon Europe
Bosch Rexroth
Brenntag Holding
Brüder Neumeister
Hans W. Barbe Chemische Erzeugnisse
L. Brüggemann GmbH

C2 Srl
Cabot Corp.
Cancarb
Carter Bros International
Changde Dingyuan Chemical
Industrial
Chem-Trend (Deutschland)
China United Rubber Corp.
Clwyd Compounds
CM Manzoni
Coesfeld
Cold Jet
Colmec
Color Service
Comet
Compounds AG
CT Datentechnik

D.O.G. Deutsche Oelfabrik
Daikin Industries
Dalian Glospect Machinery
Equipment Manufacturing
DBH Osthandels
Deguma-Schütz
Dekuma Rubber and Plastic
Technology (Dongguan)
Der-Gom
DESMA Elastomertechnik
Deutsches Institut für
Kautschuktechnologie
Dimontonate Floccati
Dixence
Doss Visual Solution
Dow
DRC Kauçuk San. ve Tic.
DuPont

C.H. Erbslöh
Ebbecke Verfahrenstechnik
ECO-Entgratungszentrum
Ecombine Advanced Materials
EGE Kimya Sanayi ve Ticaret
Eigenmann & Veronelli

Elastocon
Elastofirm
Elastomer Research Testing
Elkem
Emsodur
ENGEL Austria
ENXTECH Rust & Mitschke
Ergon International Inc.
ERMAFA Sondermaschinen- und
Anlagenbau
European Rubber Journal
Eurorubber Industries
Evonik Industries

F. Mile
Fagus-GreCon Greten
Flevo Rubber Compounding
For Lab Italia
Franciacorta Stampi
Fraunhofer PAZ Schkopau
Fujian Yonghong New Materials
Fujian Zhengsheng Inorganic
Material

GB Gummi
Gerlach Maschinenbau
Gibitre Instruments
Gomline
Goodpack Europe
Göttfert Werkstoff-Prüfmaschinen
Grupo Elastorsa
Gucheng Zhengkou Yunhe
Industry Clothstrips
Gujarat Fluorochemicals

Hangzhou Flyer Machinery
Harburg-Freudenberger
Maschinenbau (HF Mixing Group)
Hebi Ruida Chemical Technology
Hebi UHOO New Materials
Helvoet Rubber & Plastic
Technologies
Henan Yongxin Chemical
Hercorub
Hess MBV
High Performance Compounds
Kauçuk
Hoffmann Mineral GmbH
Hüthig GmbH

Imerys Graphite & Carbon
IMG S.r.l.
Inlevel GmbH
L'Industria della Gomma

Jiangsu Guanlian New Material
Technology
Jiangsu Rebo New Material
Technology
Jiangxi Hongrun Chemical
Jincheng Tiancheng Sci-Tech
Jiujiang DoWell Rubber Technology
Joss Elastomers & Chemicals

Gummiwerk Kraiburg
Kabat Tyre
KCM SL
Kemai Chemical
Kettlitz-Chemie
Kintat Rubber Technology
Konimpex Chemicals
Konimpex
Krahn Chemie Deutschland
KRAIBURG TPE
Kuraray Europe

LabsCubed
Lawer SpA
Lehmann&Voss&Co
Lescuyer et Villeneuve

Linkwell Rubber Chemicals
(Qingdao) Co., Ltd.
LTE SRL
Ludwig Nano Präzision
LWB Steinl GmbH

Mabolution
Mainland Group (Hong Kong)
Maplan
Marbocote
Marconigomma
MaTech Maschinen und Technik
MAVEG-Maschinenvertriebs
Maxmold Polymer
MDC Engineering
Melos Kauçuk Ve Plastik
Metravib Material Testing
MEWO
Microcells
Mocom Compounds GmbH
Mongodi
MonTech Werkstoffprüfmaschinen
Münch Chemie International

Nasika Products
Netzsch-Gerätebau GmbH
Nexus Elastomers Systems GmbH
NGS Elastomer GmbH
Ningbo Actmix Rubber Chemicals
Ningbo Dousch Hydraulic Machinery
Noma Technik
Nordmann, Rassmann
Normec
Novachem

O-Ring Prüflabor Richter
O.C.S. srl
Oasis Elastomers
Orion Engineered Carbons
Osaka Soda
OVE Plasmatec

P-Laser
Parker Lord
PCBL Europe
PEKUtech
PETA Formenbau
Phoenix Compounding Technology
Pixargus
PMG SpA
Policemi
Polycomp
Polymer-Technik Elbe
Prescott Instruments

QEW Engineered Rubber
Qingdao Ksl Machinery Science &
Technology
Qingzhou Boao Carbon Black

RADE GmbH
RADO Gummi
Rain Carbon Germany
Rautec Automatisierungs- und
Prozessleittechnik
Ravago
Ravago Petrokimya Uretim
Rekor Kauçuk
REP Deutschland
Resinex Germany
RICO Elastomere Projecting
Rivi Magnetics
Robotix Automatisierungstechnik
Römheld
Zongcheng Chemical General
Factory
RPM Srl
Rubber Heart
rubicon Gummitechnik und
Maschinenbau

Rucks Maschinenbau
TARRC / Rubber Consultants

Safic Alcan
Sanok Rubber
Schill+Seilacher 'Struktol'
SEC Compounds GmbH
Semiro (Jiangsu) Import And Export
Sennics Europe BV
Shandong Sunshine Chemical
Shanghai Branch of Shanxi Yongdong
Chemistry Industry
Shenzhen Guanheng New Materials
Technology
Shuangda Rubber Plastic Machinery
Sichuan Dowhon International
Sichuan Fudi New Energy
Sigma Engineering
Silcomp Silikoncompounding
Siliconas Silam
Silspek Rubber
Solvay Specialty Polymers
Special Coatings Systems GmbH
SQ Deutschland GmbH
Stephan Schmidt KG
Suzhou MicMic Automatic
Technology

Technikerschule Gelnhausen
Technische Hochschule Bingen
Technische Hochschule Köln
Technische Hochschule
Würzburg-Schweinfurt
Tecstamp
Thomas Swan
Torimex-Chemicals
Tovo Gomma
TPE-Forum
TROESTER GmbH & Co. KG
TSF SpA
Tung Yu Hydraulic Machinery

Ultrapolymers Deutschland
Unimatec Chemicals Europe
UNIpac – Polymer Application
Center
University of Twente
UPM Biochemicals
UTH GmbH
UTP Vision

Versalis
Vesper Group
Vesta Chemicals
Vibiplast
VMI Group

WAGU Gummitechnik
Walther Trowal
Weber & Schauer
Werba-Chem
Wickert Maschinenbau
Wirtschaftsverband der deutschen
Kautschukindustrie (wdk)
Wuhan Zhisheng Science &
Technology

Yasho Industries
Yingtai International Trading
Company
Yizumi

Zeon Europe
Zeta Kauçuk
Zhangjiagang East Ocean Technical
Fabric
Zhejiang Baina Rubber & Plastic
Equipment
Zhenghe Chemical Chaoyang
Zhengzhou Double Vigour Chemical