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FILTRE ASIA



The Premier Filtration Conference in Asia

4th – 5th December 2018
Shanghai | China

亚洲地区
领先的
过滤行业
峰会

2018年12月4日 - 5日
上海 | 中国

FOR INFORMATION VISIT

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CO-ORGANISED BY





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Please note that it is mandatory to wear your badge at all times. Your badge gives you access to the conference room, lunches, coffee breaks and the Gala Dinner as well as the Shanghai New International Expo Centre.

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We look forward to helping you make your attendance at FILTREX™ Asia 2018 a success for you and your business. Should you need any assistance, please go to the registration desk (open throughout the conference).

感谢您参加FILTREX™ ASIA国际过滤与分离工业峰会

您的胸卡

请在会议期间佩带您的胸卡。凭胸卡，您可以进入会议室、午餐区、茶歇区、大会晚宴以及于新国际博览中心举行的2018亚洲过滤与分离工业展览会。

参会调查问卷及会议报告

您的宝贵意见对于我们继续举办能满足您需求与期望的活动非常重要。在会议结束后，您的邮箱将会受到一份含有本次会议问卷链接的邮件。在您完成问卷后，您将可以进入会议报告下载页面，下载可供下载的会议报告文件。

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需要帮助？

我们期待您在本次会议上满意而归。如果您需要任何帮助，您可前往会议注册处咨询。

EDANA WISHES TO THANK

EDANA 特别感谢

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Ahlstrom-Munksjö is a global leader in fibre-based materials, supplying innovative and sustainable solutions to customers worldwide.

Our offerings include decor paper, filter media, release liners, abrasive backings, nonwovens, electrotechnical paper, glass fibre materials, food packaging and labeling, tape, medical fibre materials and solutions for diagnostics. Combined annual net sales are about EUR 2.15 billion and we employ 6,000 people. The Ahlstrom-Munksjö share is listed on the Nasdaq Helsinki and Stockholm. The company was formed on April 1, 2017 through the merger of Ahlstrom Corporation and Munksjö Oyj.

On the filtration market, Ahlstrom-Munksjö is a global leader in design, development and manufacture of unique filter media for various end applications. You can find our filter media solutions in wide range of industries including all Engine Filtration applications and many Industrial Air and Liquid applications. Key applications for Ahlstrom products are in Oil, Fuel, Air intake and Cabin Air filtration for passenger and heavy-duty vehicles. For Industrial Air Filtration, we offer various filter media solutions for Gas Turbine, HVAC and in Air Pollution Control.

奥斯龙明士克集团是一家提供高性能纤维材料的高科技跨国公司，为全球客户提供创新、可持续发展的解决方案。

我们的产品包括装饰纸，过滤材料，防粘衬里，磨料背衬，无纺布，电工纸，玻璃纤维材料，食品包装和标签，胶带，医用纤维材料和诊断解决方案等。年净销售额约为21.5亿欧元。全球雇员约6,000名员工。Ahlstrom-Munksjö股票在纳斯达克赫尔辛基和斯德哥尔摩上市。该公司成立于2017年4月1日，由Ahlstrom Corporation和Munksjö Oyj合并而成。

在过滤市场上，Ahlstrom-Munksjö是设计、研发和生产用于各种终端应用的独特过滤材料的全球领导者。您可以在各种行业中找到我们的过滤材料解决方案，包括所有发动机过滤应用和许多工业空气和液体应用。Ahlstrom产品的主要应用是用于乘用车和重型车辆的油，燃料，进气和车内空气过滤。对于工业空气过滤，我们为燃气轮机，HVAC和空气污染控制提供各种过滤材料解决方案。

Tuesday 4th December 2018

2018 年 12 月 4 日 (星期二)

Registration desk open at The Crown Plaza Century Park Shanghai Delegates must wear their badge at all times to access the conference and all networking activities.	08.00 – 17.30	会议注册报到 (世纪皇冠假日酒店) 与会者须全程佩戴会议代表证, 包括会议以及交流活动
Welcome Coffee	08.00 – 08.30	早茶
Official Opening - Introduction and Welcome	08.30 – 08.45	开幕式: 介绍及欢迎辞
KEYNOTE SPEECH: HIGH-PRESSURE GAS FILTRATION <ul style="list-style-type: none"> Brief on high-pressure gas filtration Filter media for high-pressure gas filtration Performance analysis of high-pressure gas filter Zhongli Ji Professor, China University of Petroleum (China)	08.45 – 09.15 	主题演讲: 高压气体过滤 <ul style="list-style-type: none"> 高压气体过滤概况 高压气体过滤材料 高压气体过滤器的性能分析 姬忠礼 教授, 中国石油大学
SESSION 1A MEDIA – NONWOVEN MEDIA AND TECHNOLOGY		第一部分 A 过滤材料—非织造过滤材料与技术
Moderator Christine Sun Chairman, American Filtration & Separations Society (AFS) (China)		主持人 孙勤 主席, 美国过滤与分离协会 (AFS)

COMPOSITE PLEATABLE GLASS-BACKED MELTBLOWN AIR FILTERS

- Meltblown media is a very effective final efficiency layer; however, it cannot be pleated without a support layer
- JM has created a unique glass-backed pleated meltblown filter
- The low pressure drop, high strength, and low weight of glass mat make it ideal as a pleatable backer
- Producing this material in a single operation would eliminate costly secondary compositing operations

Heath Himstedt

Senior Research Engineer, **Johns Manville** (USA)

09.15 – 09.40



为熔喷空气过滤材料复合可打折的玻纤背衬

- 熔喷过滤材料是一种非常有效的最终效率层；但如果没有支持层，就不能进行打折
- JM 创造了独特的玻纤背衬打折熔喷过滤材料
- 低压损、高强度、低克重材料的玻纤层使它成为理想的可打折背衬
- 在一道工序中生产这一材料，废除了昂贵的二道复合工序

Heath Himstedt

高级研究工程师，Johns Manville

NEXT GENERATION HIGH PERFORMANCE FILTER MEDIA COMPRISING LYOCELL MICRO-FIBRILLATED CELLULOSE FIBRES

- Selection of wood based cellulose fibres for high efficiency filter media
- Structure and fibrillation of lyocell fibres
- Prototype filter media for automotive, industrial and food & beverage applications

Andy Slater

Segment Manager, Industrial Applications, **Lenzing Fibers** (Austria)

09.40 – 10.05



由 LYOCELL 微纤化纤维素纤维构成的下一代高性能过滤材料

- 选择木质纤维素纤维用于高效过滤材料
- LYOCELL 纤维的结构和原纤化
- 用于汽车、工业和食品及饮料的原型过滤材料

Andy Slater

分部经理，工业应用，Lenzing Fibers

SETTING NEW STANDARDS WITH THE REICOFIL® SINGLE- & MULTIROW-MELTBLOWN PROCESS

- Singlerow – Meltblown
- Multirow – Meltblown
- Air filter media
- Meltblown Hardware and Line Equipment

Markus Wüsch

R&D Engineer Meltblown, **Reifenhäuser Reicofil** (Germany)

10.05 – 10.30



用 REICOFIL® 单排和多排熔喷工艺设定新的标准

- 单排 – 熔喷
- 多排 – 熔喷
- 空气过滤材料
- 熔喷设备和生产线设备

Markus Wüsch

熔喷研发工程师，Reifenhäuser Reicofil

Coffee Break

10.30 – 11.00

茶歇

SESSION 1B MEDIA - COMPOSITES WITH NANO TECHNOLOGY		第一部分 B 过滤材料—采用纳米技术的复合材料
Moderator Yun Liang Professor, South China University of Technology (China)		主持人 梁云 教授, 华南理工大学
PREPARATION OF NEEDED FELT COMPOSITE FILTERS WITH ELECTROSPUN PET NANOFIBER MEMBRANE <ul style="list-style-type: none"> The PET nanofiber membrane was heat-treated and composited to prepare the "sandwich" structure of the nano-membrane composite needle felt The filtration efficiency of the filter for particles below 1μm is higher than 93% and efficiency is improved by 58% Nano-membrane composite needle felt shows excellent filtration capabilities Jingxian Liu Professor, Northeastern University (China)	11.00 – 11.25 	静电纺 PET 纳米纤维膜与针刺毡复合过滤材料的研制 <ul style="list-style-type: none"> 采用热处理工艺将 PET 纳米纤维膜与针刺毡复合, 形成“三明治”结构 改过滤材料对 <1μm 颗粒的过滤效率高于 93%, 效率提高了 58% 纳米膜复合针刺毡显现卓越的过滤性能 柳静献 教授, 东北大学
ESPUN NANOFIBER FOR AIR FILTRATION <ul style="list-style-type: none"> Introduction of nanofiber technology Nanofiber products and applications Chentai NanoTek™ products and performance Joan Gao Director of Technology, Shijiazhuang Chentai Filter Paper Company (China)	11.25 – 11.50 	用于空气过滤的静电纺纳米纤维 <ul style="list-style-type: none"> 纳米纤维技术介绍 纳米纤维产品及其应用 辰泰纳米泰克™产品与性能 高琼 技术总监, 石家庄辰泰滤纸有限公司
SUBMICRON FIBERS FOR LIQUID FILTRATION <ul style="list-style-type: none"> Arium™ is a submicron fiber spinning technology that can produce fibers in the of 500 to 600 nanometers range Superior alternate to calendered meltblown for particulate liquid filtration Offers lower resistance, higher flux and higher dirt holding capacity with similar efficiency to calendered meltblown Wendy Warner PhD, VP Global Specialties, HH&S Division, Berry Global (USA)	11.50 – 12.15 	用于液体过滤的亚微米级技术 <ul style="list-style-type: none"> ARIMUTM 是一种亚微米纤维纺丝技术, 可以生产 500 至 600 微米的纤维 间隔压延的超凡熔喷材料, 用于液体颗粒过滤 和压延熔喷材料具有相似的效率, 且具有更低的阻力、更高的通量和更高的纳污能力 Wendy Warner 博士, 全球特种材料事业部副总裁, 贝里国际集团

Lunch	12.15 – 13.30	午餐
SESSION 2A APPLICATIONS: AIR & LIQUID FILTRATION		第二部分 A 应用：空气过滤与液体过滤
Moderator Jingxian Liu Professor, Dongbei University (China)		主持人 柳静猷 教授，东北大学
BEYOND SPUNBOND MEDIA <ul style="list-style-type: none"> Wet-laid calendered filter media for APC It has similar strength to typical spunbond media. It has much better performance than typical spunbond media It can be used for composite media like nanofiber coated media, laminated media with ePTFE membrane, and metalized conductivity media Jesse Shim Head of PD & TCS, Ahlstrom-Munksjo (Korea)	13.30 – 13.55 	超越纺粘过滤材料 <ul style="list-style-type: none"> 用于空气污染控制的湿法成网轧光整理过滤材料 具有通常纺粘过滤材料相似的强度 比通常的纺粘过滤材料性能更优 可用于复合过滤材料，如纳米纤维涂层，ePTFE 覆膜、金属化导电过滤材料 Jesse Shim PD&TCS 负责人， Ahlstrom-Munksjo
GLASS FILTRATION MEDIA VS. EPTFE MEMBRANE IN CLEANROOM APPLICATION <ul style="list-style-type: none"> Analysis of the micro-structure, filtration performance, outgassing, flame retardancy, cost and energy-consumption of HEPA / ULPA glass media and ePTFE membrane Discussion of the pros and cons in electronic cleanroom of those two technologies Ethan Xiao Product Marketing Manager APAC, Hollingsworth & Vose Company (China)	13.55 – 14.20 	玻纤过滤材料与 ePTFE 膜在洁净室中的应用 <ul style="list-style-type: none"> 分析了 HEPA/ULPA 玻璃过滤材料和 EPTFE 膜的微观结构、过滤性能、透气、阻燃性、成本和能耗 讨论两种技术在电子洁净室中的利与弊 肖轶群 亚太区产品市场经理，贺氏（苏州）特殊材料有限公司
RESEARCH ON THE PERFORMANCE OF V-FOLD CARTRIDGE FILTERS <ul style="list-style-type: none"> Performance advantage of pleated cartridge filter Analysis of the influence of filter paper deformation by the finite element method Dust tolerance test Longyuan Zhou Postgraduate, Changzhou University (China)	14.20 – 14.45 	筒式 V 型褶过滤器滤芯性能研究 <ul style="list-style-type: none"> 打折滤筒的性能优势 用有限元法分析滤纸变形的影响 容尘测试 周龙远 研究生，常州大学

THE STUDY ON COALESCING MEDIA OF MICRO-/NANO- FIBROUS COMPOSITES IN OIL-GAS FILTRATION

- Meltblown media, micro- / nano- fibres hybrid structure
- Media with hydrophobic and/or oleophobic property
- High efficiency with low pressure drop
- Coalescing media for long life

Chung-Feng Tai

Research Fellow, **Taiwan Textile Research Institute (TTRI)**

14.45 – 15.10



用于油-气过滤的微/纳米纤维复合聚结过滤材料之研究

- 熔喷过滤材料、微/纳米纤维混杂结构
- 具有疏水性和/或疏油性的过滤材料
- 高效率&低压降
- 使用寿命长的聚结过滤材料

戴崇峰

研究员, 台湾纺织产业综合研究所 (TTRI)

Coffee Break

15.10 – 15.40

茶歇

SESSION 2B

APPLICATIONS : AUTOMOTIVE

第二部分 B

应用: 汽车

Moderator

Ming-Chuan Hu

Chair, **Taiwan Textile Research Institute (China)**



主持人

胡明铨

首席, 台湾纺织产业综合研究所 (TTRI)

LIFETIME BEHAVIOUR OF FINE DUST CABIN AIR FILTERS

- Behavior of fine dust filters aged in laboratory conditions
- Behavior of fine dust filters aged with outdoor conditions and a durability test

Kally Ding

Sr. Application Engineering Manager, **Freudenberg & Vilene Nonwovens (China)**

15.40 – 16.05



过滤细粉尘的汽车空调滤清器的寿命特性

- 实验室中细粉尘滤清器的特性
- 细尘滤清器在户外真实条件下耐久测试的特性

丁明明

高级应用工程经理, 科德宝-宝翎无纺布 (苏州) 有限公司

THE APPLICATION OF KAPOK FIBER IN DIESEL/WATER SEPARATION

- Preparation of filter medium for fuel/water separation
- Effect of structure of filter medium on oil-water separation performance
- Effect of fuel/water interfacial tension on filter medium performance

Qiang Song - Student, **South China University of Technology (China)**

16.05 – 16.30



木棉纤维在柴油/水分离中的应用

- 燃油/水分离用过滤材料的制备
- 过滤材料结构对油水分离性能的影响
- 燃料/水界面张力对过滤材料性能的影响

宋强

学生, 华南理工大学

FIELD TESTING HEAVY DUTY TRUCKS IN CHINA

- Environment of heavy duty trucks on and off-road
- Motivation for heavy duty truck field test in China
- The dust concentration situation in China
- Field test route definition

Weifeng Wang

Product Specialist/Research Development,
MANN+HUMMEL Filter (Shanghai) Co.
(China)

16.30 – 16.55



重型卡车在中国实地测试

- 重型卡车所在道路与越野的环境介绍
- 重型卡车在中国实地测试的动机
- 中国粉尘浓度状况
- 实地测试路径定义

王伟峰

产品专家/研究开发, 曼胡默尔滤清器
(上海) 有限公司

HCHO-FREE BINDER SOLUTION FOR AIR FILTER PAPER MEDIA IN AUTOMOTIVE INDUSTRY

- Paper media is one of the most common nonwoven fibres used to make filtration materials
- A novel HCHO-free binder solution has been developed by DOW Chemical and is applied in automotive filter paper making
- Excellent hydrophobicity and higher dust holding capacity compared with incumbent HCHO contained binder solutions

Reid Wang

Application Technology Leader/ Technical,
DOW Chemical Company /Dow Adhesives
(China)

16.55 – 17.20



汽车用空气滤纸的无甲醛粘合剂

- 过滤纸是一种常用的非织造过滤材料, 通常使用湿法工艺制成。
- 陶氏化学公司开发了一种新型的无醛粘合剂, 粘合剂浸渍赋予滤纸内在强度, 用于汽车滤纸生产。
- 与含甲醛的粘合剂相比, 具有优异的疏水性和较高的容尘能力。

王新宏

应用技术主管, 陶氏化学 / 陶氏粘合剂

CFS/CNTA/EDANA Gala Dinner at the Crowne Plaza Century Park

The ideal opportunity for relaxed networking. Please wear your badge to gain access
Dress: business casual

18.00 – 20.30

CFS/CNTA/EDANA 晚宴 (皇冠假日酒店)

请佩带您的胸卡着商务休闲装入场



Wednesday 5th December 2018

2018 年 12 月 5 日 (星期三)

Registration desk open at The Crown Plaza Century Park Shanghai Delegates must wear their badge at all times to access the conference and all networking activities.	08.30 – 16.00	会议注册报到 (世纪皇冠假日酒店) 与会者须全程佩戴会议代表证, 包括会议以及交流活动
Welcome Coffee	08.30 – 09.00	早茶
SESSION 3 FILTER TESTING AND STANDARDS		第三部分 过滤器测试与标准
Moderator Zhongli Ji Professor, China University of Petroleum (China)		主持人 姬忠礼 教授, 中国石油大学
RECOMMENDATIONS ON THE APPLICATION OF ISO 16890 AND THE NEW EUROPEAN ENERGY RATING SCHEME <ul style="list-style-type: none"> • Provide guidelines on the selection of EN ISO 16890 rated air filter classes • Outline difference between the EN779 and EN ISO 16890 classification • Increase awareness on the energy efficiency of air filters based on ISO 16890 ratings Mark Wang Industrial Filter Development and Application, Freudenberg & Vilene Nonwovens (Suzhou) (China)	09.00 – 09.30 	推荐应用 ISO16890 和欧洲新能源评级方案 <ul style="list-style-type: none"> • EN ISO 16890 评价空气过滤器等级选择指南 • EN779 与 EN ISO 16890 的分类之间的差异 • 基于 ISO 16890 的评级, 提高对空气过滤器能效的认识 王利仁 工业过滤器的开发与应用, 科德宝-宝翎无纺布 (苏州) 有限公司

MFP 3000 G FILTER MEDIA TEST RIG SYSTEM IN ACCORDANCE TO GENERAL VENTILATION AIR FILTERS STANDARD ISO 16890

- New ISO 16890 standard for general ventilation air filters
- First filter media test rig in accordance to ISO 16890
- New salt generator LSPG 16890

Sven Schuetz

Sales and Application Engineer, **Palas** (Germany)

09.30 – 10.00



针对 ISO16890 通风系统空气过滤器标准的 MFP 3000 G 过滤材料测试系统

- ISO 16890 通用通风空气过滤器的新标准。
- 第一个符合 ISO 16890 的过滤材料测试台。
- 新型盐类气溶胶发生器 LSPG 16890。

Sven Schuetz

销售应用工程师, **Palas**

ISO 16890 AND AIR FILTER MEDIA SELECTION

- Testing according to ISO 16890 / EN779
- ISO 16890 complete filter testing results in accordance with flat sheet test results
- Influence of media velocity on ePMx efficiencies
- ePMx efficiency on filters at the lowest pressure drop

Applications Manager Europe, **Lydall Performance Materials** (France)

10.00 – 10.30



ISO16890 标准与空气过滤材料的选择

- 根据 ISO16890/EN779 进行测试
- ISO 16890 过滤测试结果完全和平板测试结果相符合
- 过滤速度对 ePMx 效率的影响
- 在最低压降下过滤器的 ePMx 过滤效率

Christian Desquilles

欧洲应用经理, **Lydall Performance Materials**

Coffee Break

10.30 – 11.00

茶歇

<p>Moderator</p> <p>Marines Lagemaat Scientific & Technical Affairs Director, EDANA (Belgium)</p>		<p>主持人</p> <p>Marines Lagemaat 科学及技术事务总监, EDANA</p>
<p>APPLICATION OF MPPS TEST TO FILTER MATERIAL</p> <ul style="list-style-type: none"> • Comparison of efficiency test on MPPS particle size efficiency and 0.3 µm particle size • The effects of different types of aerosols on MPPS efficiency and the efficiency of 0.3 µm particle size • Comparison of efficiency test data under different air volume • The corresponding test results are obtained by adopting the test instruments to meet the needs of different customers <p>Lvfeng Hui and Tengfei Wu Director of the Test Center, SOTHIS (Suzhou) Environmental Technology Co. (China)</p>	<p>11.00 – 11.30</p>  	<p>过滤材料 MPPS 测试的应用</p> <ul style="list-style-type: none"> • MPPS 粒径效率与 0.3µm 粒径效率测试的比较 • 不同类型气溶胶对 MPPS 效率和 0.3µm 粒径效率的影响 • 不同风量下的效率试验数据的比较 • 根据客户的不同需求, 采用满足需求的测试仪器, 获得相应的测试结果 <p>惠旅峰、吴腾飞 测试中心主任, 苏州苏信环境科技有限公司</p>
<p>SIMULATION-BASED OPTIMIZATION FOR FILTER MEDIA DESIGN</p> <ul style="list-style-type: none"> • The micro-structure of filter media determines the macroscopic properties • The computer simulation with software GeoDict helps to optimize the filter media design • The gradient distribution of fibers through the media thickness can improve the filtration characteristics <p>Liping Cheng Senior Application Specialist, Math2Market (Germany)</p>	<p>11.30 – 12.00</p> 	<p>基于模拟优化的过滤材料设计</p> <ul style="list-style-type: none"> • 过滤材料的微观结构决定了宏观性能 • 用软件 GeoDict 进行计算机模拟有助于优化过滤材料的设计 • 通过过滤材料厚度方向纤维的梯度分布, 可以改善过滤特性 <p>程丽萍 高级应用专员, Math2Market</p>
<p>Lunch</p>	<p>12.00 – 13.10</p>	<p>午餐</p>

SESSION 4 MEMBRANES AND OTHER SEPARATION METHODS		第四部分 膜及其它分离方法
Moderator Zhili Song General Manager, Shanghai Hongli Purification Technology Co (China)		主持人 宋志黎 执行总裁, 上海洪利净化科技有限公司
FABRICATION OF OMNIPHOBIC INORGANIC MEMBRANES: TOWARDS THE EFFICIENT CO₂ CAPTURE AND MEMBRANE DISTILLATION PROCESS IN EXTREMELY HARSH AND SALTY ENVIRONMENTS <ul style="list-style-type: none"> • Omniphobic membrane • Membrane contactors • Chemical bath deposition • Zinc oxide nanoparticle Allen Huang Ph.D. Candidate, Department of Chemical Engineering, National Taiwan University/ Membrane Filtration Lab (China)	13.10 – 13.30 	疏液无机膜的制造：极端恶劣盐度环境下的高效二氧化碳捕集膜蒸馏工艺 <ul style="list-style-type: none"> • 疏液膜 • 膜接触器 • 化学浴沉积法 • 氧化锌纳米颗粒 黃冠勳 化学工程学系, 国立台湾大学
THE APPLICATION OF AIR CLEAN <ul style="list-style-type: none"> • Applications of air clean in daily life and various industrial production PROCESSE • Clean air requirements in various fields and the execution of the relevant standard specifications Wang Ying Engineer, Sinomatech Membrane Material Company (China)	13.30 – 13.50 	空气净化技术的应用 <ul style="list-style-type: none"> • 空气净化在日常生活和各种工业生产中的应用。 • 各个领域的净化要求及执行的相关标准规范 王莹 工程师, 中材科技膜材料公司

DEVELOPMENT AND APPLICATION OF FILTRATION TECHNOLOGY ON GRAPHENE AND LITHIUM IRON PHOSPHATE

- A revolutionary swelling tide of a new type energy-storage batteries made by the application of graphene and lithium iron phosphate
- Performance in the capacity, density, safety, reliability and decay cycle can't be improved without breakthroughs in basic materials and these materials can't be obtained without basic chemical processes
- New separation technologies for graphite and lithium salt required
- New belt vacuum filters and vertical filter presses have been successfully developed and applied in this industry.

Feng Yong

Board Member; General Manager of R&D Institution, **Nuclear Industry Yantai Tonic Group** (China)

13.50 – 14.10



过滤技术在石墨烯和磷酸铁锂制造中的开发和应用

- 石墨烯和磷酸铁锂制备新型储能电池革命性的新浪潮。
- 在没有基础材料突破的情况下，性能、密度、安全性、可靠性和衰变周期不能得到改善，这些材料在没有基本化学过程的情况下是无法获得的。
- 新的石墨和锂盐分离技术的需求。
- 新型带式真空过滤机和立式压滤机已成功开发并应用于该行业。

冯庸

董事会成员；研发机构总经理，核工业烟台同兴实业集团有限公司

Coffee Break

14.10 – 14.40

茶歇

SESSION 5 SPECIAL APPLICATIONS / SPECIAL TECHNOLOGIES

Moderator

Joerg Sievert

Chief Operating Officer, **Freudenberg Filtration Technologies** (Germany)



第五部分 特殊应用

主持人

Joerg Sievert

首席运营官，**Freudenberg Filtration Technologies**

USE OF A CENTRIFUGE DECANTER IN THE CHEMICAL WASTE RECOVERY PROCESS

- Chemical-waste
- Recycling process
- Centrifuge decanter

Yinlin Lu

Assistant Engineer, **Shanghai Centrifuge Institute** (China)

14.40 – 15.00



用于化学废物回收的卧式螺旋卸料沉降离心机

- 化学废料
- 回收过程
- 卧式螺旋卸料沉降离心机

陆银林

助理工程师，上海市离心机械研究所有限公司

EFFECTS OF POLYALUMINIUM CHLORIDE (PAC) AND POLYFERRIC SULFATE (PFS) ON DYEING SLUDGE PROPERTIES AND DEWATERABILITY

- Dyeing sludge colloids
- Filtration dehydration
- Dewaterability

Liyan Liu

Professor, **Tianjin University (China)**

15.00 – 15.20



聚合氯化铝 (PAC) 和聚合硫酸铁 (PFS) 对印染污泥性能和脱水性能的影响

- 印染污泥胶体
- 过滤脱水
- 脱水性能

刘丽艳

教授, 天津大学

THE DESIGN AND DEVELOPMENT OF FILTER MEDIA FROM THE VIEWPOINT OF FACEMASK TESTING

- The application and testing methods of facemask for the medical, industry or PM2.5 anti-mite masks
- The development trend of filtration materials and applications in different filtration fields
- The hydrophobic, process and combination structure of filtration media will be explored in this presentation

Vincent Hu

Chief, **Taiwan Textile Research Institute (China)**

15.20 – 15.40



从口罩测试看过滤材料的设计与发展

- 对医疗, 工业或 pm2.5, 防螨等口罩的应用和检测方法
- 借鉴口罩的过滤效率、压差、使用寿命及舒适性。看过滤材料的发展趋势及其在不同过滤领域的应用
- 演讲将探讨过滤材料的疏水性, 加工性和组合结构

胡明铨

首席, 台湾纺织产业综合研究所 (TTRI)

STUDY ON THE TOLERANCE AND PURIFICATION OF AIR PURIFIER FILTERS IN ULTRAVIOLET AND OZONE ENVIRONMENT

- Air purifier filter in ultraviolet and ozone environment
- The machine performance test and life test

Wenfei Hu

Product Manager, **Zhejiang Zhaohui Filter Technology (China)**

15.40 – 16.00




空气净化器过滤器在紫外线和臭氧环境中的耐受性和净化性能研究

- 紫外线和臭氧环境下的空气净化器过滤器
- 机械性能试验与使用寿命测试

胡文飞

产品经理, 浙江朝晖过滤技术股份有限公司

<p>REPPE (ACETYLENE-FORMALDEHYDE) PROCESS BDO (1,4-BUTYLENE GLYCOL) PLANT BYD REACTOR CATALYST LEAKAGE – REASON AND COUNTERMEASURE</p> <ul style="list-style-type: none"> • The candle filter of BYD Reactor • The reason for filter failure • Proposals for improvement <p>Weidong Ding DGM, Shanghai Timeast Equipment & Engineering Co. (China)</p>	<p>16.00 – 16.20</p> 	<p>炔醛法生产 1,4 丁二醇 (BDO) 装置 BYD 反应器催化剂泄漏原因及其对策</p> <ul style="list-style-type: none"> • BYD 反应器滤芯过滤器 • 过滤失败的原因 • 改进计划 <p>丁卫东 副总经理，上海川易设备工程有限公司</p>
<p>Closing Words</p>	<p>16.20 – 16.30</p>	<p>结束语</p>

EDANA WOULD LIKE TO THANK:

CFS, CNTA and UBM and the EDANA Filtration Working Group for their help in organising FILTREX™ Asia 2018 and our press partners:

EDANA 在此特别感谢

中国技术市场协会过滤与分离专业委员会 (CFS)、上海希达科技有限公司 (CNTA)、博闻中国 (UBM) 以及 EDNA 过滤工作组在本次 FILTREX™ ASIA 会议组织中的大力支持。同时感谢以下合作媒体：

