

ELECTRIC VEHICLE TECHNOLOGIES CONFERENCE

2021中国国际电动汽车会议

2021.10.28-29 | 上海绿地万豪酒店
Shanghai Marriott Hotel Riverside

上海市黄浦区江滨路99号
No. 99 Jiangbin Road, Huangpu District, Shanghai

PUT FUTURE
IN E-MOTION

EVTec



EV Tec 2021

后疫情时代，我们开始重新构思出行战略“ACES”的未来——自动驾驶、网联汽车、电动汽车和共享出行。随着疫情的发展，这些宏观战略更为渗透并影响着消费者行为、政策制定和区域经济。到2030年，“智动未来”（智能驾驶，智能座舱，5G，人工智能与物联网等）会从根本上改变一切，其包括从电力系统到公共空间的使用，从而为城市发展引入全新的活力。

疫情的重击、经济的放缓严重扰乱了汽车行业，并动摇了汽车制造业的供应链和劳动力现状。然而反观过去一年，我们震惊地发现：中国和欧洲的电动汽车市场却更有可能出现快速复苏和强劲增长。从长期来看，中国和欧洲的电动汽车市场份额更有可能增加。

EV Tec（中国国际电动汽车会议）自2014年创立以来，一直致力于打造行业深度交流的专业平台，就当下最新技术发展趋势和新能源汽车行业市场动态进行行业探讨，就最新研究成果进行展示。EV Tec 2021将继续紧跟趋势，保持其高度专业性和国际性，就行业动向剖析、产业趋势研判、核心技术分享，提供深度交流机会。



大会背景 EVTec Background

To reimagine the future of mobility strategy “ACES” after COVID-19 - autonomous driving, connected cars, electrified vehicles, and shared mobility, and now they are going even further to account for the pandemic’s impact on consumer behavior, policy making, and regional economies. The pace of sustainable development for future e-mobility (ADAS/AD, i-Cockpit, 5G, AloT etc.) have been accelerating in all areas during the post-COVID-19 era. By 2030, future mobility innovation could radically transform everything from power systems to the use of public space, while simultaneously introducing a new city dynamism.

COVID-19 pandemic hit, shaking up supply chains and workforces, as well as shutting down factories. The economic slowdown has significantly disrupted the auto industry, while we find the most striking findings: the EV market is much more likely to see a quick recovery and strong growth in China and Europe. Over the long term, EV market share is also more likely to increase in China and Europe.

Electric Vehicle Technologies Conference (EVTec) , an in-depth communication platform since 2014 which discusses the latest technology trends and market dynamics in the NEV industry, shares the latest research results and showcases specific high quality products. EVTec 2021 maintains a high level of professionalism and provides automotive professionals with Industry Trend Analysis, Core Technology Discussion, invaluable opportunity to network and exchange ideas.

EVtec顾问委员会与产业支撑

EVtec Program Committee and Industry Support

支持单位

Supporting Company



顾问委员会公司名录

EVtec 2021 Program Committee



合作媒体

Media Partners





Mr. Peter Gresch

PUGB咨询公司创始人兼CEO
Owner & CEO, PGUB Management Consultants GmbH
EVTec 2021大会主席兼主持人
Chairman & Moderator of EVTec 2021



各位同仁：

在这个动荡不安的2020年里，我们还是有幸于11月成功举办了一场小规模，由EVTec顾问委员会及行业专家聚集的菁英会议，探讨了德国及中国电动车市场动态与技术。

电动交通在中国、美国、德国等国家，已呈现迅猛发展趋势：

- 全新注册电动车飙升至 35955台（增加了288%）
（数据为2020年6月）
——插电混动强势增长（+485%），达19119台
- 德国合作市场份额升至67%（去年为46%）
- 电动市场份额较去年4倍增长
——目前11.4%，去年仅为2.8%
- 截止至8月的电动与混动汽车市场份额为24.8%

我们计划中的2021年EVTec，将是一场“**现场+线上**”的高端会议，将带来国际及中国电动车趋势及技术干货的演讲。

- 纯电，混动，48V轻混
- 新能源动态，如燃料电池，氢能卡车巴士等商用车
- 电池及组件近期发展
- 充电桩基础设施及规则
- 电动化汽车与交通的全球动态

愿来年我们可以面对面与国内外专家及演讲嘉宾会面。未来数月，作为EVTec专家团的一员，敬请关注EVTec。

Dear Colleagues,

In this turbulent year and crisis we finally had to limit EVTec 2020 to a smaller set-up amongst the program members in Nov 2020, with deep discussions and great presentations from Germany and China on market dynamics and technologies.

As E-Mobility is rising rapidly in the main car markets China, US, and Germany:

- New registrations of electric cars are on the rise to 35.955 (+288%)
(Status: June 2020)
- Strong growth (+485%) to 19.119 of PHEVs
- Market share German corporations rises to 67% (Previous year: 46%)
- Electric share 4-times higher compared to the previous year
- 11.4% (June 2019: 2.8%)
- Market share of electric and hybrid vehicles in August: 24.8%

We plan EVTec 2021 as a big **onsite + online** event, with international and local presentations on the major trends and technologies of:

- EV, HEV, 48V Architectures
- New energy trends such as Fuel Cell and Hydrogen Cars, Busses and Trucks
- Latest developments in battery cells and components
- Charging Infrastructures and regulations
- Global trends in deployment of electrified vehicles and transportation

Hoping that next year we can meet with many people in person and may also have some international guests and speakers.

Follow us in the next months as a member of our "EVTec Community".

Yours,
Peter Gresch



2021大会信息

EVTec 2021 Information



10月28-29日 · October 28-29



上海 · Shanghai

EVTec 2021 参会代表领域

Delegates EVTec 2021

OEM整车企业
OEMs

一、二级零部件供应商
Tier 1 Tier 2 leading suppliers

大学 | 研究院
University | Institute

非盈利非政府组织 | 政府组织
NGO | Governmental Organization

EVTec 2021 会议主题 (拟定)

Topics EVTec 2021 (draft)

- 电动化动力总成
Electrified Drivetrains
-48V轻混技术
48V Mild-Hybrid Technologies
-MEB电动车模块化平台
MEB New Platforms
-电池及组件
Batteries & Cells
- 电气系统
Electrical Architecture
- 氢燃料、燃料电池
Hydrogen, Fuel Cell
- 充电桩基础设施
Charging Infrastructure

会议总流程

Conference Process

10.27
Oct. 27

参会报到 + 工厂参观 + 专家高层夜 (20-30人)
Registration + Factory visit +
Elite night (20-30 guests)

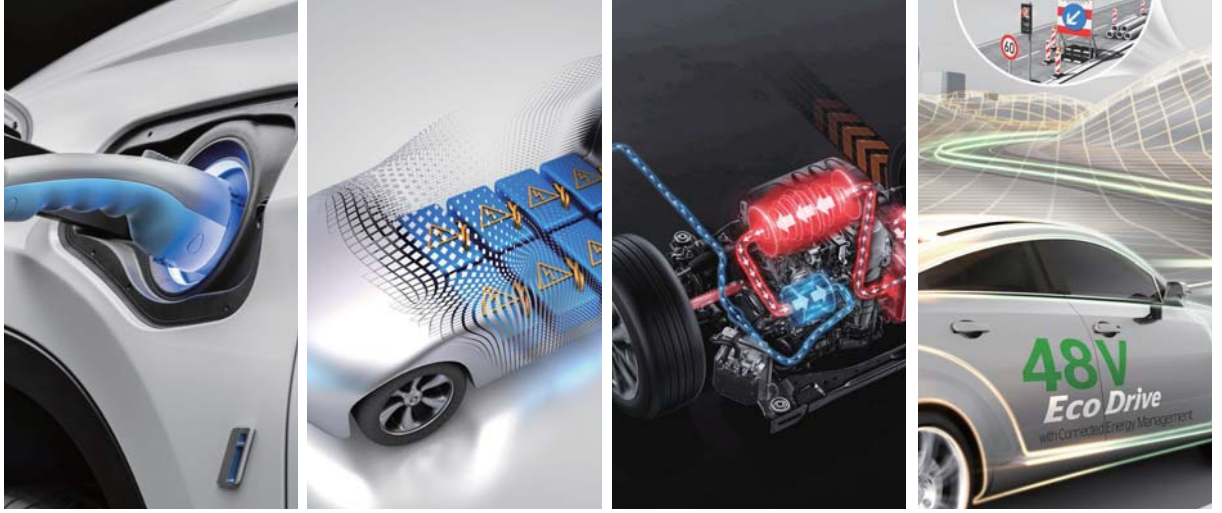
10.28
Oct. 28

大会 + 德国专家实时连线互动+ VIP晚宴
Conference + Real-time Interaction
with German Experts + Gala dinner

10.29
Oct. 29

大会
Conference





充电桩基础设施 + 换电方案 Infrastructure + Battery Swap

- 快充，新充电标准（如“超级”），充电站及汽车所面临的挑战
(Fast) Charging, new charging standard Chao Ji and challenges on stations and vehicles, conflicts with CEC/CATARC
- 政策导向
Government policy



混动技术 Hybrid Technology

- 48V轻混技术
Mild-Hybrid Technologies 48V
- 混合动力与插电混合
HEVs and PHEVs



燃料电池及氢燃料 Fuel Cell and Hydrogen



商用车 Commercial Vehicles

- 市场，规定规范，沃尔沃，戴姆勒燃料电池重卡发展，技术拆分（汽油车，氢能车，电动车）
Market, regulations, Volvo and Daimler fuel cell truck under development, the split of technologies (ICE, hydrogen, EV...)



新系统架构（纯电） New architecture (EV)

- 集成，快充，热管理，架构优化，测试规程变化
Integration, fast charging, thermal management and architecture optimization, changing test procedures
- 纯电集成，如控制器、电池管理系统、逆变器
Integration eDrive such as controller, BMS, inverter



新电池解决方案 New Battery Solutions

- 宁德时代CTP高集成动力电池、比亚迪刀片电池
The CTP from CATL and Blade Battery from BYD



疫情带来的影响 “Coronavirus outbreak” Impacts

- 全球汽车市场动态，全球供应链，特殊材料应用，未来发展蓝图的影响
Global Market trends Automotive, supply chain, availability special materials, impacts on future roadmaps
- 油价与环境
Oil price vs. environment
- 传统车企市场趋势与竞争环境
BBA and traditional OEMs market trends and fierce competition
- 造车新势力企业市场环境 with 最新势头
Start-ups market environment and new momentum
- 新MEB电动车模块化平台（大众MEB，特斯拉MEB等）的市场影响
New platforms such VW MEB, Tesla market impacts
- 消费者行为变化
End-user behavior Change