

# e-flight-forum Global 2022 Hybrid



Silver7

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蓝创通用航空产业联盟  
Z-Park Sky Innovations General Aviation Industrial Alliance

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# e-flight-forum 2022: Ready for Takeoff

## Program 15 December 2022, Thursday - Global session

**REAL**

### 主题一：智慧城市与立体交通 | Topic A. Smart Cities and Integrated Transportations

8:30 - 8:45	峰飞国际   Autoflight International	President	Omer Bar-Yohay	峰飞国际最新动态 Latest Development of AutoFlight International
8:45 - 9:00	德国 eMagic Aircraft	CEO	Michael Kügelgen	eVTOL的先期应用探讨 First Use Cases of eVTOL Aircraft
9:00 - 9:15	美国 Wisk Aero	法规事务主管 Lead of Regulatory Affairs	Tom Gunarson	Wisk在自动驾驶空中出租车运营方面的进展 Wisk's Progress in Autonomous Airtaxi Operation
9:15 - 9:30	主题一交流讨论, 主持人: 威利·塔克, 德国飞页公司 总裁   Topic A. Panel Discussion, Coordinator: Willi Tacke, President of Flying Pages GmbH			

### 主题二：电推动力系统 | Topic B. Electric Propulsion System

9:30 - 9:45	罗尔斯罗伊斯电气公司   Rolls Royce Electrical	通勤类飞机商务总监 Business Area Lead of Commuter Aircraft	张焱崙 Qinyin Zhang	支线飞机电推系统研究与应用 Electric Propulsion for Commuter Aircraft
9:45 - 10:00	捷克 MGM Compro 电推公司	CEO	Martin Dvorsky	多种机型电推系统研发 Development of Electric Propulsion Systems for Different Aircraft
10:00 - 10:15	德国 Geiger / Elektra-solar 电推公司	CEO	Konstantin Kondak	低电压范围内的电推系统进展 Development of e-Propulsion in Low Voltage Range
10:15 - 10:30	主题二交流讨论, 主持人: 威利·塔克, 德国飞页公司 总裁   Topic B. Panel Discussion, Coordinator: Willi Tacke, President of Flying Pages GmbH			

### 主题三：基础设施及供应链建设 | Topic C. Infrastructure and Supply Chain

10:30 - 10:45	德国非舍尔未来先进复合材料公司 FACC	副总裁 VP	Christian Mundigler	商用飞机制造经验在eVTOL产品的应用 Transferring Experience in Commercial Aircraft Manufacturing to eVTOL
10:45 - 11:00	慕尼黑工业大学 TUM	教授	Florian Holzapfel	eVTOL飞行与模拟器研究 Flight Controls and Simulation for eVTOL
11:00 - 11:15	德国 Skyroad 空管系统公司	CEO	Corvin Huber	先进空中交通空管系统 Air Traffic Control For Advanced Air Mobility
11:15 - 11:30	德国 Theion 电池公司	CEO	Ulrich Ehmes	硫晶体电池在航空领域的应用 Sulfur Crystal Battery for Flight Applications
11:30 - 11:45	主题三交流讨论, 主持人: 迈克·赫希伯格, 垂直飞行协会 执行理事   Topic C. Panel Discussion, Coordinator: Mike Hirschberg, Executive Director of VFS			

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# e-flight-forum 2022: Ready for Takeoff Program 16 December 2022, Friday - Global session

## 主题四: 电动飞机发展要素: 从管理政策到公众接受度 | Topic D. Drivers of Electric Aircraft Development: From Regulatory Policy to Public Acceptance

8:00 - 8:15	欧洲航空安全局 EASA	通用航空及垂直起降飞行器负责人 / Head of General Aviation and VTOL	David Solar	电动飞行器适航审定最新动态 Lastest Development of Electric Aircraft Certification
8:15 - 8:30	德国 Volocopter	VoloDrone项目负责人 Head of VoloDrone	Michael Hillermaier	Volocopter的商业化实践探索案例 Volocopter's Way to the First Business Cases
8:30 - 8:45	德国航空航天中心 DLR 试飞中心	Cochstedt 试飞中心主任 Head of DLR Cochstedt Testcenter for UAS/UAM	Jean Daniel Sülberg	无人机/城市空中交通融合试飞中心建设 Building of Test Center for integration of UAS/UAM
8:45 - 9:00	主题四交流讨论, 主持人: 威利·塔克, 德国飞页公司 总裁   Topic D. Panel Discussion, Coordinator: Willi Tacke, President of Flying Pages GmbH			

## 主题五: 氢能航空 | Topic E. Hydrogen Aviation

9:00 - 9:15	德国 NEX Aircraft 公司	CTO	Johannes Anton	燃料电池电推中程eVTOL设计 Fuel Cell Powered Medium Range eVTOL
9:15 - 9:30	德国 APUS 电动飞机公司	CEO	Phillip Scheffel	四座燃料电池飞机研发 Development of a 4 Seat Fuel Cell Aircraft
9:30 - 9:45	博世通航, Bosch GA tbc	CEO	Christian Grimm	燃料电池电推系统组件 Components for Fuel Cell Propulsion System
9:45 - 10:00	英国 Intelligent Energy 燃料电池公司	航空业务总监	Jonathan Douglas-Smitl	eVTOL及短途通勤电动飞机燃料电池系统 Intelligent Energy's IE-Flight Fuel Cells for eVTOLs and Sub-Regional Aircraft
10:00 - 10:15	美国 ZeroAvia 飞机公司	高级顾问	Mike Friends	燃料电池电推支线飞机研发动态 Update on Fuel Cell powered Regional Aircraft
10:15 - 10:30	主题五交流讨论, 主持人: 威利·塔克, 德国飞页公司 总裁   Topic E. Panel Discussion, Coordinator: Willi Tacke, President of Flying Pages GmbH			

## 主题六: 电动飞机快速商业化之路 | Topic F. Electric Flight Now: The Road to Rapid Commercialization of Electric Aircraft

10:30 - 10:45	美国 Opener Aircraft 公司 tbc	CEO	Ken Karklin	103部超轻型eVTOL: 快速市场化之路 eVTOL as Part 103: Fast Way to the Market
10:45 - 11:00	德国 Elektra Solar 电动飞机公司	CEO	Calin Gologan	电动超轻型教练机市场化发展 Electric Ultralight Trainer Coming to the Market
11:00 - 11:15	瑞士 Pie Aeronef 电动飞机公司	CEO	Marc Umbricht	电动竞速飞机全新设计 A Clean Design of Electric Racer
11:15 - 11:30	德国超轻机协会 DULV	电动飞机专家 Electric Aircraft Specialist	Günther Spitzer	德国电动超轻型飞机市场动态 Electric Aircraft As Ultralight in Germany
11:30 - 11:45	挪威 Elfly 电动飞机公司	CEO	Eric Lithun	挪威: 电动飞机启动市场 Norway as Launch Market for Electric Aircraft
11:45 - 12:00	主题六交流讨论, 主持人: 威利·塔克, 德国飞页公司 总裁   Topic F. Panel Discussion, Coordinator: Willi Tacke, President of Flying Pages GmbH			

最后更新 | Last Updated 2022年12月15日 | December 15th

# e-flight-forum Global 2022 Hybrid



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- ✓ Due to the international COVID pandemic and the travel restrictions in China we decided to hold the e-f-f Global 2022 in a hybrid format with a real event in China starting at the Chinese morning time 8 (2 am CET)
- ✓ And a live Zoom session simultaneous in Chinese and English starting at 8 am CET
- ✓ Online Panel discussions with participation options

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✓Join English live stream at

✓[https://www.e-flight-](https://www.e-flight-forum.com/index_livestream.html)

[forum.com/index\\_livestream.html](https://www.e-flight-forum.com/index_livestream.html)

✓Request for Zoom participation (limited)

[Christian@flying-pages.com](mailto:Christian@flying-pages.com)



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- ✓ The first electric aviation event in China since 2017;
- ✓ eVTOL, e-commuter, hybrid, motor, battery, hydrogen technology, fuel cell;
- ✓ Manufacturers, Universities, Regulators, Investors from China and the world;

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## e-flight-forum Global 2022: Ready for Takeoff Preliminary Program

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### **2022 Agenda :**

- ✓ Smart city and vertical mobility
- ✓ Electric propulsion
- ✓ Infrastructure and supply chain
- ✓ First enablers: from rulemaking to public acceptance
- ✓ hydrogen aviation Certification of e-aircraft
- ✓ Electric flight now: light and faster certification approach

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# e-flight-forum Global 2022: Ready for Takeoff Preliminary Program

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**15 December 2022, Thursday**

CET Europe	Program	CST (China Local Time)
9:00AM-12:30PM	Chinese speakers	9:00AM-12:30PM
7:30AM-8:50AM	Session 1: Smart city and vertical mobility	2:30PM-3:50PM
8:50AM-10:10AM	Session 2: Electric propulsion	3:50PM-5:10PM
10:10AM-11:30AM	Session 3: Infrastructure and supply chain	5:10PM-6:30PM



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# e-flight-forum Global 2022: Ready for Takeoff Preliminary Program

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## 16 December 2022, Friday

CET Europe	Program	CST (China Local Time)
9:00AM-12:30PM	Chinese speakers	9:00AM-12:30PM
7:30AM-8:50AM	Session 4: first enablers: from rulemaking to public acceptance	2:30PM-3:50PM
8:50AM-10:10AM	Session 5: hydrogen aviation	3:50PM-5:10PM
10:10AM-11:30AM	Session 6: Electric flight now: light and faster certification approach	5:10PM-6:30PM

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e-flight-forum Global 2022 Hybrid

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**eCommuter**



**UAM - ATM**



**Cargo drones**



**first usecases**



**e-flight GA**

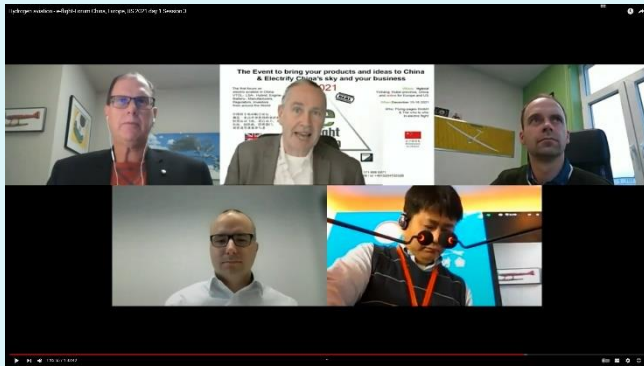


**eVTOL**

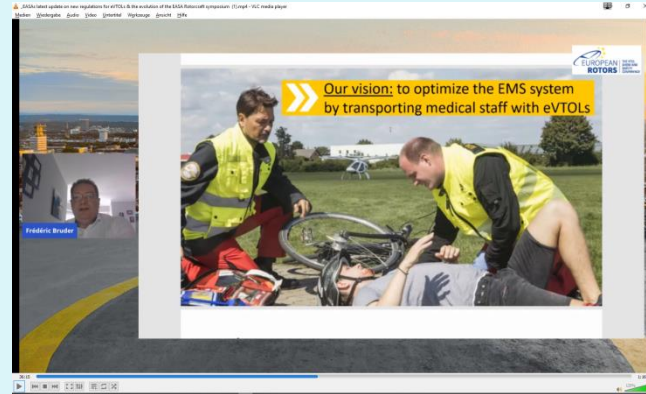
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# e-flight-forum Global 2022 Hybrid

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*online panel discussion*



*online presentation*



*Real life presentation in China*



*EFF exhibition 2021*

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e-flight-forum Global 2022 Hybrid

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China is an optimal country to promote electric aviation:

- ✓ Rising awareness of environmental issues in the society;
- ✓ The government's ambitious development plan for the general aviation and strong support for innovation;
- ✓ Electric airplanes suit China's GA operation needs very well;
- ✓ E-mobility has a good momentum in China who has become the world's largest electric vehicle market since 2015.

## e-flight-forum in China: Ready for Takeoff 2017 Beijing



The first e-flight-forum held in Beijing in November 2017 invited over 40 prominent presenters from around the world, had several world premiere projects and attracted over 300 audience.

# e-flight-forum in China: Ready for Takeoff 2018 Changsha

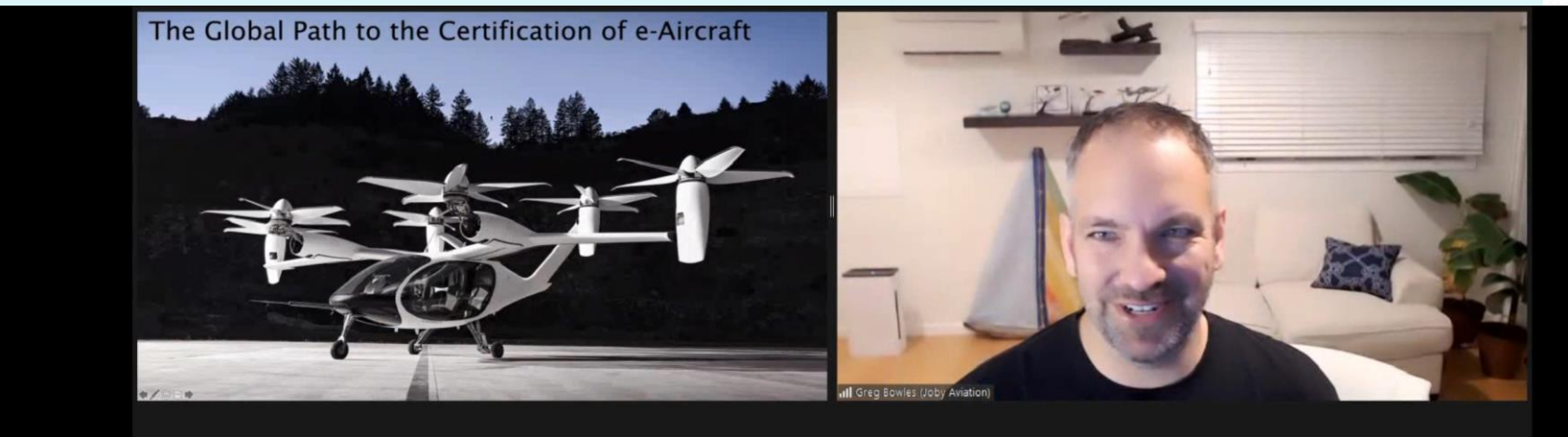
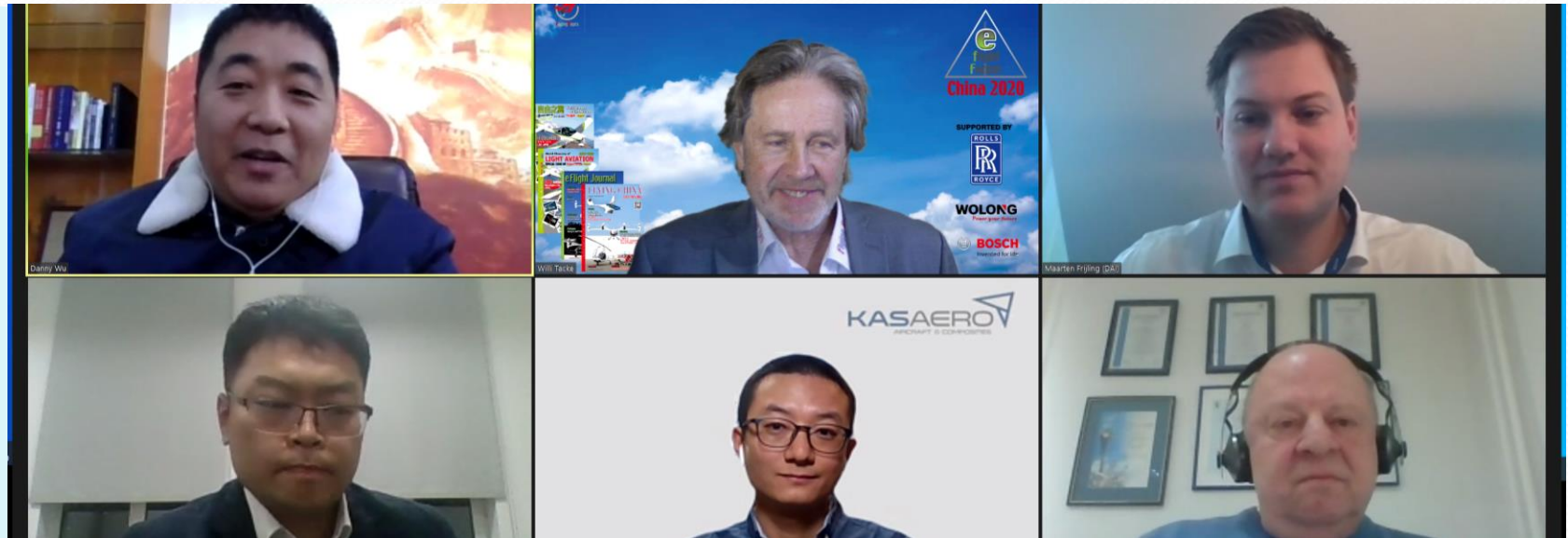


# e-flight-forum in China: Ready for Takeoff 2019 - Shijiazhuang



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# e-flight-forum China 2021 Online:





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# e-flight-forum China 2021 Hybrid:



## e-flight-forum in China: Ready for Takeoff

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The event to meet old and new friends from China,  
Europe and the world

**When:** 15-16 December 2022

**Where:** Real Kunshan City, Jiangsu Province, China

Online: from Europe and US via Zoom - [Youtube life stream](#)

**How to register:** Europe & USA: Willi Tacke, [willi@flying-pages.com](mailto:willi@flying-pages.com)  
[christian@flying-pages.com](mailto:christian@flying-pages.com)

China & Asia: Xin Gou, [xin@flying-pages.com](mailto:xin@flying-pages.com)

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For more information about electric aviation:

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[e-flight-forum.com](http://e-flight-forum.com)

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