

e-flight-forum China: Ready for Take off

Organized Flying Pages & Z-Park General Aviation Alliance

December 08-10, 2020

Preliminary Program



| 中 | 关 | 村 |
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 2020 edition **online** only



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- ✓Due to the international COVID19 pandemic and the travel restrictions around the world we decided to hold the e-ff exclusively online 2020
- ✓live Zoom session in Chinese and English
- ✓Break-out meeting rooms for direct b2b talks.
- ✓Online Panel discussions with participation options

e-flight-forum 2020 edition **online** only



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✓Join English life stream at

✓https://www.e-flight-forum.com/index_livestream.html

✓Join Chinese life stream at

✓https://www.e-flight-forum.com/livestream_china.html

✓Join login to Zoom for full participation

<https://us02web.zoom.us/j/87487491101?pwd=Q3N0OWNHeElxaUh4emYxUmRSakg5QT09>

Meeting ID: 874 8749 1101

Passcode: 271366

e-flight-forum in China: Ready for Take off Preliminary Program



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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;



ONLINE

e-flight-forum in China: Ready for Takeoff Preliminary Program

2020 Agenda :

- ✓ State of the art and certification of electric propulsion systems
- ✓ eVTOL systems
- ✓ UAM traffic management
- ✓ Fixed wing eAircraft – Fuel cell propulsion
- ✓ Energy storage technology – Battery, Hydrogen & Certification
- ✓ First use cases- e -trainer, e-Commuter, cargo delivery drone
- ✓ Investors panel
- ✓ Enabling technologies and fly-by-wire technology

ONLINE

e-flight-forum in China: Ready for Takeoff eVTOL, eCommuter, epropulsion Hyrogene and more



eCommuter



UAM - ATM



Cargo drones



first usecases



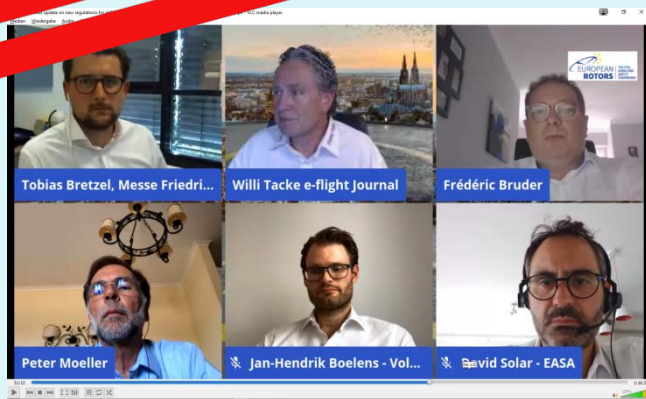
e-flight GA



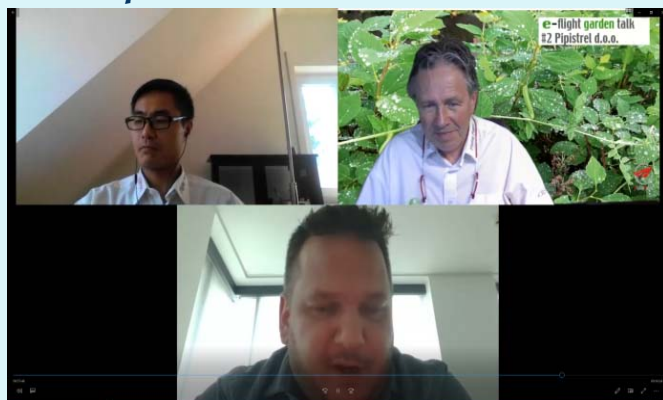
eVTOL

ONLINE

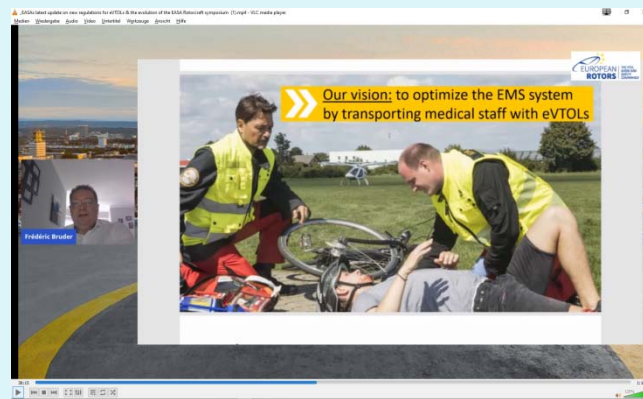
e-flight-forum 2020



online panel discussion



Zoom B2B Meetings



online presentation



Virtual Exhibit



ONLINE

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2020 Agenda :

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e-flight-forum in China: Ready for Takeoff Background 2020 / 21

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 2020 Online:

The screenshot shows a Zoom video conference interface. In the center, a man with grey hair, wearing a white shirt, is smiling. The background of the video feed is a blue sky with white clouds. In the top right corner of the video frame, there is a logo for 'e flight Forum China 2020' featuring a stylized 'e' inside a triangle. In the bottom right corner, it says 'SUPPORTED BY' above the Rolls Royce logo. In the bottom left corner, there is a stack of three magazine covers: 'World Directory of LIGHT AVIATION', 'eFlight Journal', and 'FLYING CHINA'. The Zoom interface includes a toolbar at the bottom with icons for chat, video, and other functions, and a 'Breakout' button in the bottom right corner.

e-flight-forum in China: Ready for Takeoff

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

When: 8-10 December 2020

Where: Online: Zoom - Youtube – Bilibili-stream

How to register: Europe & USA: Willi Tacke, willi@flying-pages.com

China & Asia: Xin Gou, xin@flying-pages.com

e-flight-forum in China: Ready for Takeoff

For more information about electric aviation:



flying-pages.com

e-flight-forum.com

e-flight-expo.com

e-flight-journal.com

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第四届国际电动航空论坛议程

12 月 8 日主题：关键技术及新能源

8 Dec. Tuesday：Key technologies & energy supply

第一组嘉宾发言主题：电驱系统及适航审定

Session 1--propulsion system and certification

9:00-9:10 开幕致辞(中关村蓝创通航产业联盟 ,陈鹏 ,秘书长 ;德国 Flying Pages 公司 , Willi Tacke , 总裁)

opening remarks

9:10-9:30 中国民用航空局适航司 , 杨桢梅 , 副司长

CAAC, Ms. Zhang Zhenmei, the deputy director-general of airworthiness certification department

9:30-9:50 欧洲航空安全局 , Regis Rossotto, 电驱项目适航主管

EASA , Regis Rossotto , tbc

9:50-10:00 罗尔斯.罗伊斯电气 , Olaf Otto,业务总监

Rolls-Royce Electrical , Olaf Otto

10:00-10:10 联合发言：卧龙集团 , Jörg Janning , 中央研究院欧洲区主管；

MGM Compro , Martin Dvorsky , 董事总经理

Wolong , Jörg Janning /MGM Martin Dvorsky

10:10-10:20 蝙蝠飞机公司 , Tine Tomaciz, CTO

Pipiestral , Tine Tomaciz, CTO

10:30-10:40 北京航空航天大学 , 张曙光 , 教授

BUAA , Prof. Zhang Shuguang

10:40-10:55 问答讨论

Q&A

10:55-11:10 分组交流

break-out

第二组嘉宾发言主题：新能源及基础设施建设

Session 2: energy supply & infrastructure : - (battery and hydrogen)

11:15-11:25 国家电投集团氢能发展有限公司 , 柴茂荣 , CTO

State Power Investment Corporation Limited, Mr.Chai Maorong, CTO

11:25-11:40 德国弗劳恩霍夫应用研究促进协会, Florian Hilpert, 航空电子项目主管

Fraunhofer Institute , Florian Hilpert, Group Manager Aviation Electronics

11:40-11:50 宁德时代新能源科技有限公司, 张伟, 电池管理系统部总监

CATL , Zhang Wei , Battery Management System, director

11:50-12:00 博世通航技术公司, Erwin Weger, 总经理

Bosch General Aviation Technology, Erwin Weger, general manager

12:00-12:10 慕尼黑工业大学 , Agnes Jocher , 教授

TUM , Prof.Agnes Jocher

12:10-12:20 德国 Hydrogenius 公司, Daniel Teichman , 技术总监

Daniel Teichman , Hydrogenius

12:20-12:35 问答讨论

Q&A

12:35-12:55 分组交流

break-out

第三组嘉宾发言主题：氢能航空技术及应用

Session 3: hydrogen aviation use cases

13:00-13:10 德国宇航中心 , Josef Kallo , 教授

DLR, Prof. Josef Kallo

13:10-13:20 德国 APUS 电动飞机项目 , Phillip Scheffel, CEO

APUS , Phillip Scheffel, CEO

13:20-13:30 德国 Hyfly 电动飞机项目 , Klaus Ohlmann, 首席试飞员

Hyfly , Klaus Ohlmann, chief test pilot

13:30-13:45 问答讨论

Q&A

13:45-14:00 分组交流

break-out

12 月 9 日主题：电动航空商业运营

9 December: Commercialization of electric airplanes: business cases and solutions

第一组嘉宾发言主题：小型电动飞机应用

Session 1---small aircraft with electric propulsion

9:00-9:10 斯洛文尼亚蝙蝠飞机公司，Tine Tomaciz, CTO

Pipiestral, Tine Tomaciz, CTO

9:10-9:20 联合发言：辽宁通用航空研究院，郭义林，设计部副部长；德国

Kasaaero 公司，Karl Kaser, CEO

LGAA/Kasaaero

9:20-9:30 钻石飞机公司，Maarten Frijng，电驱项目总监

Diamond, Maarten Frijng，head of electric propulsion projects

9:30-9:40 德国 Flight Design 飞机公司，Matthias Betsch，CEO

Flight Design, Matthias Betsch，CEO

9:40-9:55 问答讨论

Q&A

9:55-10:10 分组交流

break-out

第二组嘉宾发言主题：短途通勤电动飞机

session 2: Short-haul electric commuter

10:15-10:25 中国商飞北研中心，杨志刚，预研总师

COMAC Research Center , Yang Zhigang, Chief Engineer of Pre-research

10:25-10:35 罗尔斯.罗伊斯电气,张嵌崙，商业发展高级经理

Rolls-Royce Electrical, Qingying Zhang, Senior Manager of Business Development

10:35-10:45 意大利泰克南飞机公司，Fabio Rossi，P-Volt 电动飞机项目主管

Tecnam, Fabio Russo,P-Volt project manager

10:45-10:55 德国 eSAT 电动飞机公司，Peter Jeschke 博士，CEO

eSAT, CEO Prof. Jeschke

10:55-11:10 法国 VoltAero 电动飞机公司，Jean Botti，CEO

Voltaero, Jean Botti, CEO

11:10-11:25 问答讨论

Q&A

11:25-11:40 分组交流

break-out

第三组嘉宾发言主题：关键因素及基础设施建设

Session 3: infrastructure & other enabling factors

11:40-11:55 美国 Five-Alpha 垂直起降咨询公司，Rex J Alexander，总裁

Five-Alpha, Rex J Alexander, president

11:55-12:10 德国 BBAA 电动飞机项目，Johannes Garbino-Anton，项目主管

BBAA, Johannes Garbino-Anton, project manager

12:10-12:25 斯图加特大学，Vincenz Frenzel，电驱项目研究主管

University of Stuttgart, Vincenz Frenzel, project manager

12:25-12:35 问答讨论

Q&A

12:35-12:50 分组交流

break-out

12 月 10 日主题 :电动垂直起降机型(eVTOL)及电动短距起降机型(eSTOL)

10 December: eVTOL

Moderated by Mike Hirschberg

第一组嘉宾发言主题：关键技术及适航审定

Session 1: certification and state-of-arts technology

9:00-9:10 垂直飞行协会 (VFS), Mike Hirschberg , 执行理事

VFS, Mike Hirschberg, executive director

9:10-9:20 美国 Joby 电动飞机公司 , Greg Bowles , 政府事务总监

Joby Aviation, Greg Bowles, head of government affairs

9:20-9:30 德国 Volocopter 电动飞机公司 , Fabien Nestmann,公共事务总监

Volocopter, Fabien Nestmann , head of Global Public Affairs

9:30-9:45 欧洲航空安全局 , 发言人待定

EASA, tbc

9:45-10:00 通航制造商协会 (GAMA), 发言人待定

GAMA, Kyle Martin, tbc

10:00-10:15 问答讨论

Q&A

10:15-10:30 分组交流

break-out

第二组嘉宾发言主题：空域管理技术

Session 2: UTM and other enabling factors for UAM

10:35-10:45 德国 D3 公司 , Corvin Huber, CEO

D3, Corvin Huber, CEO

10:45-10:55 德国宇航中心 , Bianca Schuchardt 博士

DLR, Bianca Schuchardt

10:55-11:05 慕尼黑工业大学 , Florian Holzapfel , 教授

TUM, Prof. Florian Holzapfel

11:05-11:15 西门子 , Frank Anton , 高级副总裁

Siemens, Frank Anton, senior VP

11:15-11:25 问答讨论

Q&A

11:25-11:40 分组交流

break-out

第三组嘉宾发言主题：应用案例及规划

Session 3 - first Use cases of eVTOL and eSTOL

11:40-11:50 峰飞航空科技有限公司，田瑜，董事长

AutoflightX, Tian Yu , chairman

11:50-12:00 美国 Metro Hop 电动飞机公司，Bruno Mombrinie，CEO

MetroHop, Bruno Mombrinie , CEO

12:00-12:10 德国 Volocopter 电动飞机公司，Fabien Nestmann,公共事务总监

Volocopter, Fabien Nestmann , head of Global Public Affairs

12:10-12:25 问答讨论

Q&A

12:25-12:40 分组交流

break-out

12:40-12:50 总结(中关村蓝创通航产业联盟，陈鹏，秘书长；德国 Flying Pages

公司，Willi Tacke，总裁)

close remarks