



ADVANCED  
AIR MOBILITY  
INTERNATIONAL CONFERENCE  
2022未来空中交通国际论坛



ROYAL  
AERONAUTICAL  
SOCIETY  
英国皇家航空学会



中国·上海  
SHANGHAI · CHINA



# ADVANCED AIR MOBILITY INTERNATIONAL CONFERENCE

## 未来空中交通国际论坛

### 主办单位 Organizer

英国皇家航空学会中国（上海）代表处  
Royal Aeronautical Society China

### 联合主办单位 CO-Organizer

宁波诺丁汉大学 航空学院  
School of Aerospace, University of Nottingham Ningbo China  
北京航空航天大学 能源与动力工程学院  
School of Energy and Power, Beihang University

### 承办单位 Executive Organizer

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TO YOUR LIFE

城市飞行生活 乘载美好未来

# CONFERENCE ORGANIZER'S FOREWORD 论坛主办方致辞



• **李安 Julian MacCormac**

英国皇家航空学会中国区荣誉会长， 罗尔斯-罗伊斯大中华区总裁  
Honorary President, Royal Aeronautical Society, Country Director of Rolls-Royce, Greater China

“这是英国皇家航空学会在中国召开的第一次未来空中交通国际会议。在全球范围内，我们的行业正在向零碳和可持续发展转型。革命性的创新技术将改变现有的交通基础设施和我们在城市内外的出行方式。这个充满活力的新市场的核心是驱动新一代电动飞行的电动和数字技术。英国皇家航空学会很荣幸能主办这次会议，通过汇聚政府、行业、和学术界精英分享我们的愿景和想法，并促进合作以支持中国新型、先进的城市空中交通的发展。”

“This is the first conference on advanced air mobility convened by the Royal Aeronautical Society in China. Globally our industry is pivoting towards zero-carbon and sustainable solutions, with new technologies and innovation now being developed that will disrupt established transportation infrastructure and change how we travel in and around our cities. At the heart of this new and dynamic market are the electric and digital technologies that will power this new generation of electric flight. The Royal Aeronautical Society is proud to host this conference, bringing together industry, academia and government, sharing our vision and ideas, and fostering the collaborations to support the development of new, advanced urban air mobility in China.”



• **吴韬 教授 Prof. Tao WU**

宁波诺丁汉大学副校长  
Vice Provost, University of Nottingham Ningbo China

“国际化人才培养与质量保障体系，助力面向未来的高素质高水平航空人才培养”  
“The world-class quality-assured talent development programme that meets the demand for next generation sustainable aviation and beyond”



• **陶智 教授 Prof. Zhi TAO**

北京航空航天大学副校长  
Vice President, Beihang University

“培养电推进领域拔尖人才，推动未来空中交通领域的创新与发展”  
“Develop top talents for electric propulsion and advance technology and innovation in Advanced Air Mobility”



# CONFERENCE INTRODUCTION

## 论坛简介

科技创新将持续塑造航空航天行业的格局。未来，以电动航空、自动驾驶飞行器为基础的未来空中交通AAM（Advanced Air Mobility）将成为行业发展的前沿和热点。能否准确把握未来空中交通的发展方向，掌握未来空中交通AAM的技术优势，保持领先地位，将会影响到一个国家未来几十年在航空航天领域的话语权。

New technologies such as the enhancement of battery technologies and electric propulsion as well as major investments made into start-ups are enabling the development of new vertical take-off and landing Urban Air Mobility (UAM) aircraft. Thus, Advanced Air Mobility – defined as an air transportation system for passengers and cargo in and around urban environments – may be deployed around us in not-so-distant future, offering the potential for greener and faster mobility solutions.

**AAMIC** 2022未来空中交通国际论坛

2022未来空中交通国际论坛  
ADVANCED AIR MOBILITY INTERNATIONAL CONFERENCE

主办单位 Organizer



联合主办单位 Co-organizers



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承办单位

Conference Agency



媒体及市场情报合作伙伴

Media and Market Intelligence Partner







# 加入我们 成为会员

全球历史最悠久最具影响力的航空航天专业学会

A Global  
Community of  
**Aerospace  
Professionals**

## 专业知识与行业洞察

- 免费订阅学会月刊《AEROSPACE》
- 包括视频、网站、APP等在线资源
- 英国国家航空航天图书馆，超过十万册图书、电子书、期刊和专业著作
- 23个专业分会提供具有行业影响力的专家视角

## 会议活动与人脉拓展

- 每年400多场专业会议与论坛讲座
- 全球70多个国家地区的分支机构
- 会员享受活动优惠价

## 职业发展与认证体系

- RAeS后缀名衔使用
- 持续的职业发展支持
- 奖学金申请与职业规划指导
- 英国工程委员会资质认证
- 国际奖项评选与表彰



# 宁波诺丁汉大学

宁波诺丁汉大学是由英国诺丁汉大学与浙江万里学院合作创办，经中国教育部批准，于2004年在中国设立的第一家具有独立法人资格和独立校区的中外合作大学。英国诺丁汉大学是稳居全球高校排名前100位的世界一流大学，以其出色的教学质量和卓越的学术研究赢得了国际声誉。

The University of Nottingham Ningbo China (UNNC) was the first Sino-foreign university to open its doors in China. Established in 2004, with the full approval of the Chinese Ministry of Education, run by the University of Nottingham, one of the top 10 in UK, in partnership with Zhejiang Wanli Education Group, a key player in the education sector in China. The University of Nottingham is ranked as a world top 100 university by QS World University Ranking 2020.



## 诺丁汉PEMC科研组

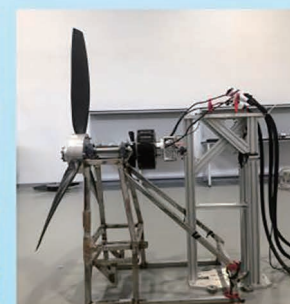
诺丁汉大学The Power Electronics, Machines and Control Research (PEMC) Group电力电子、电机驱动与控制团队是本领域世界上最大的科研团队之一，掌握世界领先的电机研究和开发知识和技术。宁波诺丁汉PEMC团队成立于2014年，以国家交通电气化发展和产业升级的重大需求为导向，围绕电机驱动和电力电子技术等核心方向，深入开展世界领先水平的电驱系统关键技术的基础研究和应用研发。现有研究成员超过30人，专业领域涵盖电气、机械、材料和控制等多个学科。目前有多项科研成果已完成或临近产业化，合作企业包括西门子、中国商飞、康明斯电机、中航工业、之江实验室、百盛动力电子等。

## 航空领域成果



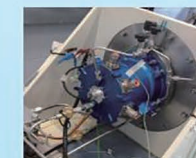
### 电推进领域（产业化）

- 基于电推进领域，成功孵化企业诺云驱动（NoEE）
- 成功研制了大型电推进动力系统产品，覆盖功率30/60/120kw
- 产品覆盖eVTOL，电动固定翼，无人机等领域



### 多电飞机领域（重大科研）

- 成功研发了世界上首次航空认证的永磁起发系统 2016 年欧盟Clean Sky 项目的最佳项目成果奖
- 中国商飞大飞机预研项目：大功率直流起发发电机驱动系统
- 高速航空作动器



核心团队



Chris Gerada教授  
团队带头人



张何教授  
PEMC中国区  
负责人



施博闻  
电推进产业化  
牵头人



G. Buticchi  
电力电子  
团队负责人



张晓晨  
电机本体  
团队负责人



D. Prystupa  
控制算法  
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# 选择临空，选择未来

WE WILL LEAD YOU TO A BRILLIANT FUTURE



## 上海虹桥临空经济示范区

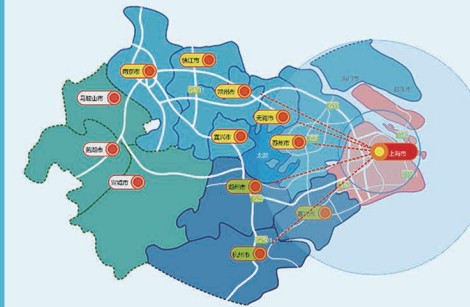
SHANGHAI HONGQIAO LINKONG ECONOMIC  
DEMONSTRATION ZONE

**ADD:** 上海市长宁区天山西路789号A栋8楼

8F, Building A, No.789, West Tianshan Road, Changning  
District, Shanghai, P.R.China

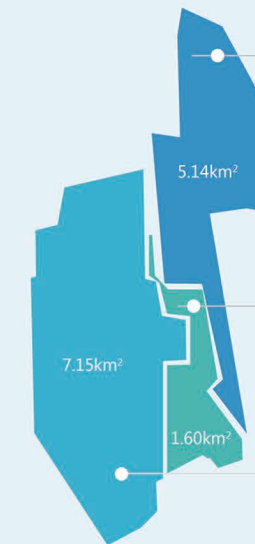


## ► 区位优势 GEOGRAPHICAL ADVANTAGE



上海虹桥临空经济示范区(以下简称“示范区”)规划范围13.89平方公里,包括上海虹桥临空经济园区(以下简称“临空园区”)5.14平方公里、虹桥商务区机场东片区(以下简称“东片区”)1.6平方公里、虹桥机场运营作业区7.15平方公里。四至范围北起天山西路、苏州河,东临淞虹路、外环线,南至沪青平公路,西迄七莘路。示范区毗邻虹桥综合交通枢纽,西接外环,东临中环,坐拥北横通道起始点,地铁2号线、10号线穿行而过,衔接沪宁、沪渝、沪嘉高速公路等交通要道,与长三角主要城市贯通。

## ► 园区总览 PARK OVERVIEW



### 上海虹桥临空经济园区

Shanghai Hongqiao Linkong Business Park

拥有20余年历史,发展长宁区极具比较优势的总部经济、航空服务业、互联网+生活性服务业和人工智能等临空产业。



### 东片区机场部分

Airport Part of Eastern Section

航空服务业集聚区。



### 机场作业运营区

Airport Operation Area

2020年旅客吞吐量约3117万人次,货邮吞吐量34万吨。

东临空可开发(产业项目)规划总建筑面积约263万平方米(地上计容面积,下同),目前实际完成建设约205万平方米,包括商务楼宇174幢,总办公面积达180万平方米;在建及未开发产业项目建筑总量约52.9万平方米,其中在建项目总建筑面积为约27.9万平方米(16号地块宜家项目、24号地块光大安石项目、1号用地项目)。

东片区规划总建筑面积约268万平方米,其中长宁区段可用于产业楼宇开发建设的土地共5幅(即望春花、南苑、北苑、友乐路和春秋总部地块),土地面积共计354亩,可建建筑42.6万平方米。

上海虹桥临空经济示范区

SHANGHAI HONGQIAO LINKONG ECONOMIC DEMONSTRATION ZONE



民用航空

# 塑造更安全、 更智能的全新世界

Shaping safer, smarter and newer World

我们是技术先驱公司CAE。我们坚信，当飞行的未来由突破性新飞机塑造时，民航领域的从业者仍将是实现这些创新的核心因素。这就是为什么我们如今与客户及合作伙伴并肩努力，来设想、研发并进一步发展他们所需的新工具、技术、训练系统和操作软件基础设施。不仅要赋能飞行新时代的启步，更是要助其彻底腾飞。

邂逅CAE，触及无限可能。

## 北京航空航天大学 能源与动力工程学院简介

北京航空航天大学成立于1952年，是新中国第一所航空航天高等学府，现隶属于工业和信息化部。建校以来，北航一直是国家重点建设的高校。



“前掠后置式大小叶片轴流压气机”  
或国家技术发明二等奖



能源与动力工程学院（国家试点学院），原名航空发动机系，是北航1952年建校时最早成立的2个系之一，也是北航获得国家奖励最多的学院。拥有航空发动机气动热力国防科技重点实验室，先进航空发动机协同创新中心，航空航天实验教学中心等11个国家级教学科研平台和5个北京市科研平台。获批教育部“超循环气动热力前沿科学中心”，先进航空发动机协同创新中心首批入选教育部“2011计划”。先后获国家级科技奖励11项，其中一等奖2项。科研实力雄厚、经费充裕，2020年度科研经费为3.2亿元。

学院拥有2个国家级一流本科专业：飞行器动力工程（喷气推进方向和智能电推进方向）、能源与动力工程；学院有2个一级学科博士点、8个二级学科博士点、3个一级学科硕士点。我院毕业生在航空航天、能源、交通、石油、电力、电气、机器人、人工智能、航海等行业有显著的竞争优势。毕业校友中8人当选中国工程院院士，我国航空推进领域6名院士均为我院毕业生。



展望  
飞行的未来



LOCTITE  
TECHNOMELT

BERGQUIST

# 安享空域 领航未来

## 汉高城市空中交通解决方案

汉高拥有数十年创新和可持续的粘合剂研发经验，并与市场领先的供应商合作，为eVTOL电动垂直起降无人机和机身设计提供航空级解决方案，助力行业发展。



扫描二维码  
关注汉高电子材料公众号  
获取城市空中交通解决方案

Henkel

ACCEL

## 安胜公司扎根中国

### 服务全球的飞行培训供应商

安胜（天津）飞行模拟系统有限公司是四川海特集团旗下全资控股公司。

公司从成立初始就以全动飞行模拟机这个模拟仿真技术的战略高地作为业务切入点，建立了清晰的战略。2017年到2021年，安胜公司的波音737 NG、空客A320ceo、空客A320neo、波音737MAX全动飞行模拟机均以首台中国制造的

身份相继成功通过了中国民航局D级鉴定并交付客户。这些产品的顺利投用，让安胜公司积累了丰富的D级全动飞行模拟机研发设计、集成、调试和鉴定经验，取得多项技术突破，打破国外技术垄断，填补国内技术空白。至今，安胜公司是国内第一家也是唯一一家能够同时为波音和空客主流窄体机型设计、认证和交付D级全动飞行模拟机的培训设备制造商。

进入到新阶段，出于完善和优化产品结构及满足安胜长期持续增长的发展需求，安胜公司业务将逐步拓展至模拟仿真行业的高附加值领域，例如IAM/eVTOL未来空中出行的仿真和培训的解决方案，沉浸式实训，增强现实、虚拟现实、混合现实（AR/VR/MR）技术在仿真解决方案中的应用。

向整个产业输出安胜强大的模拟仿真技术能力和培训解决方案是安胜在航空产业内的清晰定位。安胜的宗旨是服务好这个产业和我们产业内的战略合作伙伴合力改进和完善产业链，做航空产业内仿真技术的产品实现、工业实践和持续创新路上的引领者和拓荒人。

## 中国制造

### 国际领先的仿真培训产品

安胜非常重视客户对全动飞行模拟机的需求。我们知道，客户需要高性能、高效益、灵活且可靠的模拟机。客户还希望模拟机制造商能够了解其独特需求。

在安胜，客户再也不必被迫妥协，在性能上作出任何让步。我们将提供一系列“首选”配置，并允许客户从众多定制元素中挑选出自己需要的部分，打造其专属全动飞行模拟机。

### 强劲的核心框架

安胜的全动飞行模拟机的强大功能要归功于其先进的CFS仿真体系架构。有了这一高度的灵活创新架构，升级起来就极为方便，并可与飞机机载系统保持同步更新。因此，飞行员的训练也变得更加快速有效。

### 逼真的仿真度

- ▶ 基于主机厂数据包的高清模块
- ▶ 基于用户需求提供真实飞机航材件的激励仿真和软件仿真方案供选择
- ▶ 最先进的运动系统提供最真实的运动感受
- ▶ 真实的环境音效和通讯系统

### 增强的真实感

- ▶ 业界领先的柯林斯EP-8100图像生成系统
- ▶ 超过500个机场的数据库供用户选择
- ▶ VS2300/2500激光投影仪
- ▶ 标准200\*40度宽幅Panorama显示系统
- ▶ 驾驶舱断路器可100%可弹跳

### 灵活的教员操控

- ▶ 多语言操作面
- ▶ 为教员呈现嵌入式飞行员“舷窗外”景象
- ▶ 基于IATA和主机厂数据包创建的全部模拟机故障模拟

ACCEL  
中国民航局D级  
737 NG  
2017

ACCEL  
中国民航局D级  
A320 ceo  
2019

ACCEL  
中国民航局D级  
A320 neo  
2020

ACCEL  
中国民航局D级  
737 MAX  
2021



## IAM/eVTOL生态 战略合作解决方案

安胜在IAM/eVTOL产业的定位很清晰：仿真和培训解决方案(STS)的供应商，向整个产业输出我们强大的仿真能力和培训解决方案。

对于整个IAM/eVTOL生态的所有利益相关者，整机制造商，核心设备制造商，运营人（飞行，培训，维修等），基础设施供应商（垂直起降机场，通信导航监视地面基础设施），基础服务供应商（传统的空中导航提供商，无人机的交通管理，无人/有人混合运营的的交通管理），未来真正实现商业成功的IAM/eVTOL运营模式充满了巨大的不确定性。

能通过符合产业逼真度要求的整个IAM/eVTOL生态仿真去研究所有核心要素以协作实现安全，高效，环保的空中出行解决方案，对于任何一个核心利益相关者都是意义重大的。

### 安胜将提供

- ▶ 模拟仿真：拥有强大仿真能力的安胜积极探索和整机制造商如何在型号取证早期就积极合作，在适航取证的工程验证和培训解决方案的“数据包”上优势互补，探索“数据包”合作或任何颠覆性的合作模式，实现双赢。
- ▶ 专注生态：专注于全生态系统的仿真的安胜将与主机厂或者运营人等共同探索基于简化飞行操纵的培训解决方案。
- ▶ 可行性分析：基础运营概念(例如全系统实时信息共享和管理)，实现技术手段的技术成熟度评估等；
- ▶ 整个IAM/eVTOL运营生态的关键支撑技术，主要瓶颈和风险；
- ▶ 鲁棒性分析：尤其如何通过生态仿真探索和界定协作的边界条件（例如支撑通信导航监视技术对整个生态的吞吐量的约束条件，变革的空域管理机制，紧急状况的应急预案等等）

ACCEL  
目标远大 AIM BIG





GO BEYOND

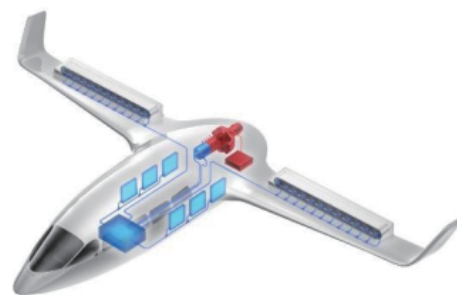
# STEP-Tech 验证机 — 引领混电推进技术

STEP-Tech Demonstrator – Pioneering Hybrid-Electric Propulsion Technology



Scalable Turboelectric Powertrain Technology (STEP-Tech), applicable to future AAM vehicles

可扩展涡轮电力传动系统技术  
适用于未来先进空中交通工具



- Expansion of long-lasting collaboration between Pratt & Whitney and Collins Aerospace
- 拓展普惠和柯林斯宇航的长期合作
- Full end-to-end system capabilities, including a high-efficiency turbogenerator, energy storage, power electronics and modular electrically driven propulsors
- 包括完整的端到端系统功能，包括高效涡轮发电机、储能、电力电子和模块化电动推进器
- Potential for a range of novel aircraft applications, including high speed eVTOL, UAVs, and small to medium sized commercial air transporters
- 一系列新型飞行器应用潜力，包括高速eVTOL、无人机和中小型商用航空运输机

- A core element of our strategy for powering sustainable aviation
- 普惠助力可持续航空战略核心要素
- Enabling customers to accelerate journey towards Net Zero CO2 emissions
- 赋能客户加速实现净零碳目标



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## 柯林斯宇航在中国

### 始终不懈提供可靠解决方案

柯林斯宇航是技术领先的智能化解决方案的领导者，服务于全球航空航天和国防产业。我们致力于通过强大的能力、全面的业务组合与专业知识，为客户解决其面临的艰巨挑战，并满足快速发展的全球市场需求。

近40年来，柯林斯宇航始终履行对中国的承诺。如今，我们有约1000名员工，分布在中国的15个主要办公地点。我们以久经考验的解决方案，来支持中国航空业未来的发展。




公司在中国的大量投资以及过去这么多年来与客户建立的紧密的合作关系使我们在中国的业务不断增长。我们建立了10家工厂，其中包括2家全资公司和8家合资公司，专注于机载解决方案

案的设计和开发、制造、服务、支持和信息管理，以及全动飞行模拟器，以支持中国业务并拓展到全球市场。

凭借着现代的创新和卓越的品质，柯林斯宇航已经做好准备去交付我们的解决方案，以支持中国未来迅速的发展。



# 会议议程

09:00 – 09:10	 <b>开幕致辞</b> 发言嘉宾：Howard Nye（远程） - 英国皇家航空学会会长 Julian MacCormac - 英国皇家航空学会中国荣誉会长
09:10 – 09:15	 <b>联合主办方致辞</b> 发言嘉宾：吴韬教授 - 宁波诺丁汉大学副校长
09:15 – 09:20	 <b>联合主办方发言</b> 发言嘉宾：陶智教授 - 北京航空航天大学副校长

## 第一部分：AAM应用与市场前景

第一部分主要讨论AAM在不同应用领域的应用与市场前景。AAM生态关键参与方，例如研发机构、设备原厂、供应商、投资机构和专业咨询机构等，将分享他们对AAM前景的看法。

09:20 – 10:20	 <b>主题1：客运应用场景</b>
09:20	<b>空中出行运营及产品</b> 09:20 – 09:40 郭亮博士 - 沃飞长空科技有限公司总裁兼首席科学家
09:40	<b>引领AAM在亚洲成为现实</b> 09:40 – 10:00 林良田（远程） - 亚航集团首席安全官兼AAM业务总裁
10:00	<b>小鹏汇天对未来空中出行的探索</b> 10:00 – 10:20 仇明全 - 小鹏汇天副总裁、品牌营销总经理
10:20 – 10:30	 <b>茶歇</b>
10:30 – 10:50	 <b>主题2：货运应用场景</b>
10:30	<b>电动垂起 改变世界</b> 10:30 – 10:50 田瑜 - 上海峰飞航空科技有限公司创始人、董事长及首席执行官
10:50 – 11:10	 <b>主题3：市场发展趋势展望</b>
10:50	<b>AAM 发展现状扫描及发展趋势展望</b> 10:50 – 11:10 于占福 - 罗兰贝格管理咨询公司全球合伙人/亚洲区航空航天与防务咨询业务负责人
11:10 – 11:50	 <b>圆桌讨论 – AAM市场和投资前景</b> 主持人：刘浩然 - 普华永道航空业务服务首席顾问 金舸 - 壹通无人机系统有限公司副总经理 杜豆 - 睿思誉大中华区航空工业及政府板块业务发展负责人 李剑威 - 真成投资管理合伙人 潘登 - 高盛（亚洲）有限责任公司董事总经理







## 第二部分：AAM技术路线

AAM的技术成熟度如何？在设计过程中有哪些技术挑战？本部分将探讨AAM技术的现状和技术路线。


13:00 – 14:00	 <b>主题1：纯电路线 / 氢电路线 / 混动路线</b>
13:00	<b>智能新能源航空展望</b> 13:00 – 13:20 杨志刚博士 - 中国商飞北京民用飞机技术研究中心总工程师
13:20	<b>UAM 和 EVE 全球合作项目的商业案例分析</b> 13:20 – 13:40 Augustine Tai（远程） - EVE 空中交通全球业务亚太区总裁
13:40	<b>“零”项目 - 电动倾转旋翼机的先锋</b> 13:40 – 14:00 张建业 - 莱奥纳多直升机 中国公司总裁
14:00 – 15:00	 <b>主题2：电机/飞控/分布式推进/概念设计</b>
14:00	<b>更安享未来航空 - 汉高 UAM 胶粘剂综合解决方案</b> 14:00 – 14:20 张磊 - 汉高股份有限公司亚太区UAM业务拓展经理
14:20	<b>未来空中交通和航空可持续发展领域的技术能力整合</b> 14:20 – 14:40 Michaël Pagnoux - GKN Aerospace 中国战略总监
14:40	<b>助力航空可持续发展</b> 14:40 – 15:00 解铁军 - 罗尔斯-罗伊斯公司业务发展总监
15:00	<b>塑造未来空中交通安全边界 -- 泰雷兹电动飞机电传飞控解决方案</b> 15:00 – 15:20 夏博源 - 泰雷兹北亚区战略、市场与创新副总裁
15:20 – 15:30	 <b>茶歇</b>

## 第三部分：适航政策、电动飞机取证适航实践、城市空中交通管理系统及基础设施

适航性和新环境法规是AAM生态系统的驱动力，第三部分将探讨可持续增长所需的关键监管和基础设施。

15:30	 <b>AAM适航框架发展思路与展望</b> 15:30 – 15:50 魏嘉业博士 - 欧洲航空安全局东北亚及中国区代表
15:50	 <b>CAE未来空中交通飞行员和培训的介绍</b> 15:50 – 16:10 廖旭东 - CAE中国区销售总监
16:10	 <b>自动驾驶飞行器引领城市空中交通行业发展</b> 16:10 – 16:30 刘剑 - 亿航智能首席财务官
16:30	 <b>自动飞行的适航问题</b> 16:30 – 16:50 张曙光教授 - 北京航空航天大学交通科学与工程学院
16:50	 <b>未来空中交通噪声控制初探</b> 16:50 – 17:10 姚可及 - 奥雅纳声学、影音及场馆设计中国区总顾问
17:10	 <b>锐翔电动飞机技术创新与适航实践</b> 17:10 – 17:30 赵铁楠 - 辽宁通用航空研究院副院长




## 闭幕致辞

17:30 – 17:40	 <b>主题演讲 / 闭幕致辞</b> 发言嘉宾：车轩 - Aviation Week 《航空周刊》中国区总经理
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# Conference Programme

09:00 – 09:10	 <b>Welcome and Introduction</b> Speaker: Howard Nye (Virtual) - President of Royal Aeronautical Society Julian MacCormac – Honorary President of Royal Aeronautical Society China
09:10 – 09:15	 <b>Co-organiser Welcome Speech</b> Speaker: Prof. Tao WU, Vice Provost, University of Nottingham Ningbo China
09:15 – 09:20	 <b>Co-organiser Welcome Speech</b> Speaker: Prof. Zhi TAO, Vice President, Beihang University



## SESSION ONE – AAM Application and Market Prospect

Session One focuses on the market prospects of AAM across different applications. Key stakeholders, such as research institute, OEM, suppliers, investors and consultancy firms, will share their insight of AAM’s runway into the future.

09:20 – 10:20	 <b>Topic 1: Passenger Transportation Application</b>
09:20	AAM Passenger Operation and Products 09:20 – 09:40 Dr. Liang GUO, Managing Director and Chief Scientist of AeroFugia Technology (Chengdu) Co., Ltd
09:40	Pioneering AAM to Become a Reality in Asia 09:40 – 10:00 Captain Liong Tien LING (Virtual) , Chief Safety Officer, Head of AAM, Capital A
10:00	AeroHT’s Vision of Advanced Air Mobility 10:00 – 10:20 Mingquan QIU, The VP and Brand Marketing General Manager of XPENG AEROHT
10:20 – 10:30	 <b>Networking Break</b>
10:30 – 10:50	 <b>Topic 2: Cargo Transportation Application</b>
10:30	The Next Mobility Disruptor 10:30 – 10:50 Yu TIAN, Founder, Chairman and CEO, AutoFlight
10:50 – 11:10	 <b>Topic 3: Market Prospect</b>
10:50	Outlook and Discussion: How the Passenger & Unmanned Air Mobility Ecosystem will evolve in China 10:50 – 11:10 Zhanfu YU, Aerospace & Defense Partner, Roland Berge China
11:10 – 11:30	 <b>Panel Discussion – AAM Market and Application Prospect</b>
Moderator: Johnny LAU, Aviation Business Services Chief Consultant PwC Ge JIN, Senior Vice President, Yitong UAV System Dou DU, Cirium Business Development Manager for Greater China Aerospace and Government Sector Jianwei LI, Founding Partner, Zhengcheng Capital Deng PAN, Managing Director, Goldman Sachs (Asia) L.L.C.	

## SESSION TWO – AAM Technology Roadmap

What is the Technology Readiness Level of AAM? What are the key technical challenges in AAM design? This session will explore the current status and roadmap of key AAM technologies.

13:00 – 14:00	 <b>Topic 1: Full electric / Hydrogen / Hybrid Electric Technology</b>
13:00	Smart and Sustainable Aviation Outlook 13:00 – 13:20 Dr. Zhigang YANG, Chief Engineer, COMAC Beijing Aircraft Technology Research Institute
13:20	The Business Case for UAM and EVE’s Collaboration Projects Around The World 13:20 – 13:40 Augustine TAI (Virtual), Business Development Lead (APAC), Eve Air Mobility
13:40	Project Zero: An Early Endeavor into eVTOL by Leonardo 13:40 – 14:00 Jianye ZHANG, Head of Region China, Leonardo Helicopters
14:00 – 15:00	 <b>Topic 2: Electric motor, Flight control, Distributed propulsion, Conceptual design</b>
14:00	Henkel UAM Adhesive Total Solution 14:00 – 14:20 Lei ZHANG, APAC Advanced Air Mobility Business Development Manager, Henkel
14:20	Integrating Capability for Advanced Air Mobility and Sustainability in Aerospace 14:20 – 14:40 Michaël Pagnoux, China Customer Strategy Director, GKN Aerospace
14:40	Powering Sustainable Future Aviation 14:40 – 15:00 Tiejun XIE, Business Development Executive, Rolls-Royce China
15:00	Shaping Safety Edge of AAM -- Thales Flight by Wire Solution for Electrical Aircraft 15:00 – 15:20 Nicolas Chapuis, VP Strategy, Marketing and Innovation, North Asia, Thales

15:20 – 15:30  **Networking Break**

## SESSION THREE – Airworthiness, Low-altitude airspace Regulation, Policy for general aviation, Policy for aircraft carbon emission

Airworthiness and new environmental regulations are driving forces in AAM’s ecosystem. Session Three will explore the key regulatory and operational infrastructures required for a sustainable growth.

15:30	 <b>Enabling Advanced Air Mobility</b> 15:30 – 15:50 Dr. Javier Vicedo, EASA Representative, China and North Asia
15:50	 <b>Outlook of Advanced Air Mobility Pilot Training</b> 15:50 – 16:10 Xudong LIAO, Account Leader – China, CAE Inc.
16:10	 <b>Autonomous Aerial Vehicles (AAV) Take the Lead in Developing Urban Air Mobility (UAM) Industry</b> 16:10 – 16:30 Richard LIU, Chief Financial Officer, EHang
16:30	 <b>Factors to be considered in AAM Airworthiness Certification</b> 16:30 – 16:50 Prof. Shuguang ZHANG, School of Transportation Science and Engineering, Beihang University
16:50	 <b>A Primary Exploration in Noise Control of UAM</b> 16:50 – 17:10 Keji YAO, ARUP China
17:10	 <b>Ruixiang Electric Aircraft Technology Innovation and Certification Practice</b> 17:10 – 17:30 Tienan ZHAO, Vice President Liaoning General Aviation Research Institute

## CLOSING REMARKS

17:30 – 17:40	 <b>KEYNOTE ADDRESS / CLOSING REMARKS</b> Speaker: Xuan CHE, General Manager of China, Aviation Week
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## Howard Nye

英国皇家航空学会主席  
President of Royal Aeronautical Society

Howard毕业于布里斯托大学物理系。他在欧洲民航局有丰富的工作经验。他在2012至2014年期间，担任欧洲航天局高级执行官，负责欧洲航天局范围内的组织变革和成本效率。他曾负责欧洲航天局欧洲空间业务中心(ESOC, European Space Operation Centre)的任务运行中心和西班牙科学运行中心的建成工作。他曾带领八个欧洲航天局的成员国展开欧盟伽利略卫星导航系统的合作。从2004年起，他负责监管欧洲所有五家欧洲航天局的下属机构，并从2006年起，还同时负责欧洲航天局范围内企业信息的相关工作。他精通法语和德语，是英国航空皇家学会的会士、空间专家小组的主席、巴黎分会的副会长和英国物理学会(Institute of Physics, IOP)的成员。

Howard was educated at Alwyn's School and read physics at Bristol University. From 1993, he was responsible for delivery of both the mission operations centre at ESOC and the science operations centre in Spain for the XMM-Newton mission and all related activities until end of the in-orbit commissioning in 2000. In 2002, he led an ESA cooperation involving eight ESA member states, negotiating an agreement in 2004 assigning responsibilities for flight operation of the EU Galileo satellites, valid until 2016. From 2004, all five ESA establishments across Europe were placed under his responsibility and from 2006, he was additionally responsible for ESA-wide corporate informatics. He was an ESA Senior Executive from 2012 until end 2014 responsible for ESA-wide organisational change and cost efficiency. He is a Fellow of the Society, Chair of the Space Specialist Group, Vice-President of the Paris Branch and Member of the Institute of Physics, fluent in French and German.

## 李安 Julian MacCormac

英国皇家航空学会中国区荣誉会长 罗尔斯-罗伊斯  
大中华区总裁  
Honorary President, Royal Aeronautical Society, Country Director  
of Rolls-Royce, Greater China

Julian先生在2016年加入罗尔斯-罗伊斯，担任中国民用核能业务发展总监，两年后任职中国区总经理。曾是英国政府公务员，在英国驻北京大使馆工作四年。是中国英国商会执行委员会的成员，拥有中文和管理学位，并获得哈佛大学东亚研究硕士学位，是著名Frank Knox奖学金的获得者，于1997年获得莲花奖，被授予在中国工作的杰出外国专家称号。Julian先生于2021年11月当选为英国皇家航空学会中国代表处的第一任荣誉主席。

Julian joined Rolls-Royce in 2016, serving as Director for Business Development for Rolls-Royce's civil nuclear business in China before taking over as Country Manager. He worked in the UK Civil-Service. He worked in the British Embassy in Beijing four years. Julian is an elected member of the Executive Committee of the British Chamber of Commerce in China. He has a degree in Chinese and Management. He is a recipient of the prestigious Frank Knox Fellowship and received his Master's degree in East Asian Studies from Harvard University. In 1997 he received the Lotus Prize, awarded to exemplary Foreign Experts working in China. He was elected as the first honorary Chairman of the Royal Aeronautical Society China in November 2021.



## 吴韬教授 Prof. Tao WU

宁波诺丁汉大学副校长  
Vice Provost, University of Nottingham Ningbo China

吴韬教授现任宁波诺丁汉大学副校长，分管诺丁汉大学卓越灯塔计划(宁波)创新研究院并担任理工学院院长，曾任化学与环境工程系系主任及理工学院副院长(先后分管科研、健康、安全及资产)。吴韬教授毕业于英国诺丁汉大学化学工程专业，获博士学位，2007年开始担任宁波诺丁汉大学讲师、副教授、准教授，2015年晋升教授。吴韬教授拥有20多年的化石与生物能源清洁转化与利用技术以及面向环境的新材料开发方面的研究经验，其研究兴趣广泛，涵盖了基础研究、概念验证以及产业化技术开发。迄今为止，吴韬教授已完成各类项目40余项，通过推动所开发的部分技术的工业化应用实现了对社会的回报。作为一名活跃的科研人员，吴韬教授还担任一些国际、国内专业技术团体的学术职务，是皇家化学会会士(Fellow)，目前还兼任宁波市清洁能源转化技术重点实验室主任以及诺丁汉大学宁波新材料研究院院长。

Professor Tao Wu is currently the Vice Provost for China Beacons Institute and Dean of Faculty of Science and Engineering (FoSE). Prior to taking up current position, he was the Head of Department of Chemical and Environmental Engineering, Associate Dean for Research and Director of Health, Safety and Estate Matters of the FoSE. Professor Wu received his PhD in Chemical Engineering from the University of Nottingham UK. He joined the University of Nottingham Ningbo China (UNNC) in 2007 as a lecturer. He was promoted to an Associate Professor in 2010, an Associate Professor and Reader in 2013, and then a full Professor in 2015. Professor Tao Wu has over 20 years of R&D experience on the efficient conversion and utilization of fossil fuels/biomass and the development of novel materials for environmental applications. His research programmes cover a wide range from blue-sky research to proof of concept and patent development leading to commercialisation. To date, Professor Wu has completed over 40 research projects funded by various funding bodies and has developed technologies that benefit the society through commercialisation. As an active researcher, Professor Wu also serves as a committee member on a number of national and regional professional bodies. He is a Fellow of Royal Society of Chemistry, is currently leading the Municipal Key Laboratory of Clean Energy Conversion Technologies at UNNC and holds the Director position of University's New Materials Institute (NMI).

## 陶智教授 Prof. Zhi TAO

北京航空航天大学副校长  
Vice President, Beihang University

陶智教授是北京航空航天大学副校长，也是著名航空发动机专家，我国航空发动机基础研究方面的领军人物之一，英国皇家航空学会会士。他是在航空发动机气动热力领域有突出贡献的专家，拥有诸多世界级原创成果；作为首席科学家先后多次主持国家重大基础研究项目，并领导着多个学术组织、科研机构及教学团队。

Professor Zhi TAO is the Vice President of Beihang University. He is one of the leading figures in aero engines research in China. He is a Fellow of the Royal Aeronautical Society (RAeS). He is an expert with outstanding research achievements in the field of aero-engine thermodynamics. As the chief scientist, he has presided over many major national research projects and led a number of academic organizations and scientific research institutions.



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## 郭亮博士 Dr. Liang GUO

沃飞长空总裁/首席科学家、博士、研究员

President and Chief Scientist of AEROFUGIA Technology (Chengdu) Co., Ltd

郭亮博士现任沃飞长空科技总裁/首席科学家,傲势科技创始人。南京航空航天大学飞机设计博士,电子科技大学智能无人机技术教授,成都市工商联常委,四川省科技装备制造商会副会长,成都市人才发展促进会理事,中国无人机产业创新联盟常务理事。

Dr. Guo liang is currently the president/chief scientist of AEROFUGIA Technology and the founder of AOSSCI Technology. Doctor of aircraft Design in Nanjing University of Aeronautics and Astronautics, professor of Intelligent UAV technology in University of Electronic Science and Technology of China, Member of standing Committee of Chengdu Federation of Industry and Commerce, vice President of Sichuan Chamber of Science and Technology Equipment Manufacturers, Director of Chengdu Talent Development and Promotion Association, standing director of China UAV Industry Innovation Alliance.



## 林良田 Captain Liong Tien LING

亚航集团首席安全官兼AAM业务总裁

Chief Safety Officer, Head of AAM, Capital A

林机长在澳大利亚阿德莱德获得飞行执照,在澳大利亚南昆士兰获得 MBA 学位。90年代初,他开始在马来西亚东部飞行双水獭 (DHC-6),为山区及内陆地区服务。然后,他开始执飞波音 737 和空中客车 A330 客机为地区和国际目的地提供服务。2000年年中,他还在中东累积了5年的 A330/A340 飞行经验。林机长随后返回马来西亚与亚航联手,主要负责亚航当时的长途航线。他目前曾担任集团培训、质量保证和安全主管的多个职位。在疫情期间,当航班运营大幅减少时,他还开设了亚航乘车(电子叫车)服务。林机长和他的团队也在今年年初建立了 CAAM 批准的集团 UAS(无人机)培训,目前正在与 Avolon 和 Vertical Aerospace 合作。

Captain Ling acquired his flying license in Adelaide and MBA in Southern Queensland, Australia. He started flying the Twin Otters (DHC-6) in the early 90s in East Malaysia serving the interiors up in the mountains. He then progressed to the Boeing 737 and Airbus A330 jets serving regional and international destinations. He also flew in the middle east flying A330/A340 for 5 years in mid-2000. Captain Ling then returned to Malaysia and joint AirAsia, mainly to assist on the long-haul routes then. He has held several portfolios as Head of Training, Quality Assurance, and Safety for the Group. During the pandemic, he has also setup AirAsia Ride (e-hailing) service when flight operations was reduced tremendously. Captain Ling and his team has also set up CAAM approved UAS (Drone) training early this year, and currently working on UAM with Avolon and Vertical Aerospace.



## 仇明全 Mingquan QIU

小鹏汇天副总裁、品牌营销总经理

The VP and Brand Marketing General Manager of XPENG AEROHT

仇明全于2021年加入小鹏汇天,出任副总裁、品牌营销总经理一职,统筹负责小鹏汇天品牌/产品策略、产品规划、公关传播、社会化营销及品牌创意等方面的工作。仇明全有近14年的汽车行业产品与品牌整合营销从业经历,对行业、产品、用户及移动出行场景等有深刻洞察,具备产品营销全领域业务能力。

Qiu Mingquan joined XPENG AEROHT in 2021, taking the position of VP and general manager of brand marketing. He is in charge of brand/product strategy, product planning, public relations communication, social marketing and brand creativity, etc. Qiu Mingquan has nearly 14 years of experience in integrated marketing of products and brands in auto industry. He has profound insight into the industry, products, users and mobile travel scenarios, and is capable of product marketing in all fields.



## 田瑜 Yu TIAN

上海峰飞航空科技有限公司创始人、董事长及首席执行官

Founder, Chairman and CEO, AutoFlight

专注电动航空22年,1999年开始打造电动航模,累计生产超过1,000万台;  
2008-2009年开发出全球首款取得欧洲DULV认证的单座及双座电动载人飞机;  
2017年创立峰飞航空;  
获得航空业相关专利300余项;  
持有美国航空管理局FAA颁发的固定翼及直升机驾驶执照,拥有数千小时飞行经验;  
毕业于上海交通大学电子技术专业,南京航空航天大学客座教授,完成斯坦福大学总裁课程(SEP)。

22 years expertise in aviation industry. Built electric model aircraft business since 1999, produced more than 10 million RC electric airplanes;  
Developed the world's first single-seat and two-seat electric sports aircraft that obtained DULV certification in 2008 and 2009;  
Founded AutoFlight in 2017;  
Obtained 300+ related patents in aviation industry;  
FAA fixed wing & helicopter license holder with thousands of flight hours;  
Majored in Electronic Technology at Shanghai Jiaotong University, Visiting Professor at NUAU, completed the SEP program at Stanford University.



# SPEAKER PROFILE / 嘉宾介绍

## 于占福 Zhanfu YU

罗兰贝格管理咨询公司全球合伙人  
/亚洲区航空航天与防务咨询业务负责人

Global Partner of Roland Berger / Asia head of Aerospace & Defense (A&D) practice

于占福先生是中国民航局民航新型智库平台ATT成员,中国民航高质量发展研究中心研究试点项目辅导专家及特约观察评论员,中国欧盟商会航空与航天工作组成员。拥有超过15年的管理咨询行业经验。于占福先生获北京大学学士学位,中科院研究生院硕士,INSEAD (欧洲工商管理学院) MBA。

Mr. Yu is the Member of CAAC ATT (Aviation Think Tank). Special observer commentator for CAAC High Quality Development Research Center. Member of Aviation & Aerospace Working Group of EUCCC. He has more than 15 years strategy consulting experience. He received a bachelor's degree from Peking University, a master's degree from Chinese Academy of Sciences, and an MBA from INSEAD

## 刘浩然 Johnny LAU

普华永道航空业务服务首席顾问  
Aviation Business Services Chief Consultant PwC

香港会计师公会注册会计师(HKICPA),英国特许公认会计师公会资深会员(FCCA),香港大学社会科学学士(BSocSc)和工商管理硕士(MBA)。

刘浩然先生于2018年5月被委任为普华永道(香港罗兵咸永道)航空业务服务的首席顾问。主要协助客户进行飞机租赁、融资、买卖和一切与民航业相关的咨询业务。客户涵盖租赁公司、航空公司、国营企业、民营企业、高净值人士、政府机构等。过去一段时间,为普华客户带来新的业务模式,并连同普华其他包括税务、法律、审计、会计、公司秘书、风险评估、价格估值等专业队伍,为客户提供一站式服务平台。

Johnny is appointed as Chief Consultant – Aviation Business Services of PricewaterhouseCoopers (PwC) in May 2018. This new initiative takes the lead within the global advisory firm to serve aviation clients including government and commercial corporations. Leading a team of 5 professionals and being responsible to lead the aviation franchise, Johnny has helped PwC winning mandates from SOEs, leasing companies, airlines, banks and investors to provide advisory services in respect to aircraft financing, trading and leasing transactions as well as businesses related to strategy formulation, policy studies, investments, mergers and acquisitions, involving airports, special economic/trade zones, MROs and various aviation entities

## 金 舸 Ge JIN

壹通无人机系统有限公司副总经理

Deputy General Manager, Yitong UAV System Co., Ltd

金舸先生毕业于西北工业大学,高级工程师。长年从事商用飞机市场开拓、客户服务及国际商业运作,曾负责国产新舟系列飞机市场开发及全球销售,主导设立了国产商用飞机经济性、舒适性研究专业,拥有超过20年的产学研用实践和产业协同经验。金先生目前主导新开发的TP系列无人货机的市场开拓、客户服务和国际性业务。

Mr. Jin Graduated from NWPU, Senior engineer. He used to be in charge of marketing & global sales of MA series aircraft and took the lead in setting up the study of economy and comfort of domestic commercial aircraft. He has over 20 years of practical experience in industry-academia-research and industry synergy. Mr. Jin is currently leading the market development, customer service and international business of newly developed TP series unmanned cargo aircraft.

## 杜 豆 Dou DU

睿思誉大中华区航空工业及政府板块业务发展负责人  
Cirium Business Development Manager for Greater China Aerospace and Government Sector

杜豆先生作为Cirium大中华区航空工业及政府业务发展负责人,他致力于为中国区客户带来360度的航空大数据和专业的咨询解决方案,以协助其在动态多变的市场中做出最明智的战略决策,提升其业务表现。杜豆先生毕业于清华大学&法国国立航空大学航空管理硕士专业,过去十八年间先后供职于深圳航空,通用电气航空集团,霍尼韦尔航空集团,分别从事航司运行管理,数字化营销及亚太区市场战略工作,对如何利用大数据协助航空OEM/MRO开拓并优化航空售后市场有着丰富的经验。

Mr. Du Dou is Cirium's Business Development Manager for Greater China Aerospace & Government Sector. Mr. Du Dou is committed to bringing 360-degree aviation big data and professional consulting solutions to Chinese customers to help them make the most informed strategic decisions and improve their business performance in the dynamic and volatile market. Mr. Du Dou graduated from Tsinghua University & ENAC with a master's degree in aviation management, and has worked for Shenzhen Airlines, GE Aviation and Honeywell Aerospace for the past 18 years, successively engaged in airline operation management, digital solution Sales and strategic marketing for Asia Pacific region, has rich experience in how to use big data to assist aviation OEMs/MROs to develop and optimize the aviation aftermarket.





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## 李剑威 Jianwei LI

真成投资创始人/管理合伙人

Managing Partner, Zhengcheng Capital

李剑威先生曾担任真格基金合伙人/CIO, 红杉资本副总裁, 富达投资副总裁, 波士顿咨询公司咨询顾问。他在2020年被评为福布斯中国杰出投资人Top100。李剑威先生毕业于北京邮电大学管理科学硕士以及管理计算机科学学士学位, 清华五道口金融学院EMBA。

Before founding Zhencheng, Mr.Li worked for ZhenFund as partner & CIO, Sequoia Capital as Vice President, Fidelity Growth Partners as Vice president, and BCG as consultant. Jianwei was on 2020 Forbes China top investor list. Jianwei graduated from Beijing University of Posts and Telecom with master degree in management science and bachelor degree in management / computer science, Tsinghua PBCSF EMBA.



## 潘登 Deng PAN

高盛(亚洲)有限责任公司董事总经理

Managing Director, Goldman Sachs (Asia)

潘登先生在高盛亚洲投行部任职董事总经理, 常驻香港/北京, 专注于工业科技行业的融资并购等交易机会, 在航空航天、自动驾驶、人工智能、先进制造等领域有丰富经验, 曾主导了智加科技的deSPAC (2021年5月宣布) 等亚洲前沿科技领域的里程碑式资本市场项目。潘登先生本科毕业于北京大学物理学院, 后赴美学习工作, 获美国芝加哥大学布斯商学院MBA学位, 2012年回到亚洲, 目前就读于清华五道口金融学院金融EMBA项目。

David Pan is a Managing Director in the Investment Banking Division of Goldman Sachs, based in Hong Kong / Beijing, responsible for the origination and execution of capital markets and M&A transactions in the Asia Industrial Technology sector. He has led milestone transactions in the region such as PlusAI's contemplated deSPAC merger (announced in May 2021), cultivating in-depth expertise across aviation, autonomous driving, AI, advanced manufacturing, etc. Mr. Pan completed his undergraduate study in physics in Peking University and spent years in the U.S. Thereafter, obtaining an MBA degree from the Booth School of Business, the University of Chicago. He returned to Asia in 2012, and is currently enrolled in the Finance EMBA program of the PBC School of Finance, Tsinghua University.



## 杨志刚 博士 Dr. Zhigang YANG

中国商飞北京民用飞机技术研究中心总工程师

COMAC Beijing Aircraft Technology Research Institute

杨志刚博士, 美国康奈尔大学机械航空工程/空气动力学专业博士。曾任同济大学机械与能源工程学院院长, 现任中国商飞北研中心预先研究总师、总师、科技委主任, 中国商飞公司人工智能创新中心主任; 负责预研体系建设和预研工作, 分管北研中心科技委、飞发一体化项目、未来民机项目、民用飞机设计数字仿真技术北京市重点实验室; 同济大学学术委员会副主任、汽车学院车身方向责任教授、上海地面交通工具风洞中心主任。

Dr. Yang holds a PhD in Mechanical aeronautical Engineering/aerodynamics from Cornell University. He used to be the dean of the School of Mechanical and Energy Engineering, Tongji University. He is now the chief Preresearch Engineer, chief Engineer, director of science and Technology Committee of ComAC North Research Center, and director of ARTIFICIAL Intelligence Innovation Center of ComAC. Responsible for pre-research system construction and pre-research work, in charge of Science and Technology Committee of North Research Center, Aviation and Development Integration Project, Future Civil Aircraft Project, Beijing Key Laboratory of Digital Simulation Technology for Civil Aircraft Design; Deputy Director of Academic Committee of Tongji University, Responsible Professor of Vehicle Body Direction of Automotive College, Director of Shanghai Ground Vehicle Wind Tunnel Center.



## Augustine TAI

EVE 空中交通全球业务亚太区总裁

Asia Pacific Region Lead for EVE Air Mobility

Augustine Tai是Eve 空中交通业务发展亚太区总裁。他主管Eve在亚太地区的业务发展, 负责Eve公司的电动垂直起降飞机(eVTOL)的销售策略和服务, 确保整个UAM生态系统中的合作伙伴关系, 并支持未来在亚太地区的运营。Augustine在航空航天领域拥有超过20年的经验, 包括技术服务、生产管理、项目管理、航线运营和销售方面的经验, 涵盖MRO和OEM两个领域。在加入Eve之前, Augustine曾担任巴西航空工业公司的服务与支持(商业航空)总监(亚太区), 负责巴航工业商用航空在亚太地区的所有服务与支持活动, 并直接负责该地区的服务销售、现场服务和材料服务。他获得新加坡南洋理工大学机械与生产工程学士学位。

Augustine Tai is the Business Development Lead for APAC for Eve Air Mobility. He leads Eve's Business Development in APAC, being responsible for the sales strategy of Eve's eVTOL and Services, for securing Partnerships throughout the UAM ecosystem, and for supporting future operations in the APAC region. Augustine brings to the team over 20 years of experience in the aviation and aerospace sectors, and his experience includes Technical Services, Production Management, Program Management, Airline Line Operations and Sales, covering both MRO and OEM segments. Prior to joining Eve, Augustine held the role of Services & Support (Commercial Aviation) Director (APAC) at Embraer. He was responsible for all Services & Support activities for Embraer Commercial Aviation in the APAC region, and has direct responsibilities for Services Sales, Field Service, and Material Services in the region. He holds a Bachelor of Engineering in Mechanical & Production Engineering from the Nanyang Technological University (NTU) of Singapore.



# SPEAKER PROFILE / 嘉宾介绍

## 张建业 Jianye ZHANG

莱奥纳多直升机 中国区总裁

Head of Region China for Leonardo Helicopters.

张建业先生于2007年加入莱奥纳多全球青年人才计划，2008年入职莱奥纳多直升机意大利本部研发及技术部担任研发经理。2010至2012年，担任“零”项目的主管项目经理和总系统工程师。2013年，加入莱奥纳多直升机大中华区销售团队。张建业先生拥有麻省理工学院航空航天硕士学位，并以密歇根大学航空工程系第一名的成绩获得最高等级荣誉学士学位。

Mr. Jianye Zhang joined Finmeccanica (now Leonardo) in 2007 as a Corporate Management Trainee and was assigned to Leonardo Helicopters Division in 2008. In 2010 to 2012, He served as the R&D Program Manager and System Engineer of "Project Zero". He was appointed to the Asia Pacific Sales division in 2013. Mr. Zhang holds a Master of Science degree in Aeronautics and Astronautics from MIT, and graduated SUMMA CUM LAUDE with a Bachelor of Science degree in Aerospace Engineering from University of Michigan.



## 张磊 Lei ZHANG

汉高股份有限公司亚太区UAM业务拓展经理

APAC Advanced Air Mobility Business Development Manager, Henkel

本科毕业于中国民航大学，持有浙江大学MBA学位，拥有13年航空领域工作经验，具备丰富的航空适航管理，航空安全管理，航空项目管理，市场拓展的知识体系经验以及管理工作经验。

Over 10+ years of working experience in Aviation industry, extensive knowledge, and background in Aviation safety management&Project management&Concines airworthiness management

Henkel

## Michaël Pagnoux

GKN Aerospace 中国战略总监

China Customer Strategy Director, GKN Aerospace

Michaël Pagnoux先生在欧洲、亚洲、中东和中国市场拥有超过20年的丰富经验，是一位具有行业领导地位的专家，并始终致力于为客户塑造成功的国际项目。他不仅仅拥有国际化的商业经验和航空航天业的专业知识，同时也拥有广泛并成功的本地网络和在亚洲的长期工作经验。

With more than 20 years of rich experiences in Europe, Asia, Middle-East and Chinese market, Mr. Pagnoux is an industry leader and has always been committed to shaping successful international projects for the clients. He doesn't only possess international business experience and expertise in aerospace industry, but also a wide local network and long-term working experience in Asia.



## 解铁军 Roger XIE

罗尔斯-罗伊斯公司大中华区业务发展总监

Rolls-Royce, Business Development Director, Greater China.

解铁军先生于1999年加入罗尔斯·罗伊斯公司，自2015年1月起担任业务发展总监。曾担任罗尔斯·罗伊斯公司民用航空部门的首席客户服务代表。加入罗尔斯·罗伊斯之前，他曾从事飞机维修，工程管理及国际贸易等工作。拥有北京航空航天大学飞行器设计学士学位和曼彻斯特商学院工商管理硕士学位。

Roger Xie joined Rolls-Royce in 1999. He was appointed as Business Development Director in Jan 2015. He had been Rolls-Royce Civil Aerospace Chief Customer Service Representative. Prior to joining Rolls-Royce, He built experience in aircraft maintenance, engineering management and international trade. Roger Xie holds a bachelor's degree in flight vehicle design from Beijing University of Aeronautics and Astronautics (BUAA) and MBA from Manchester Business School.





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## 夏博源 Nicolas Chapuis

泰雷兹北亚区战略、市场与创新副总裁

VP Strategy, Marketing and Innovation, North Asia, Thales

夏博源先生执掌泰雷兹北亚区的战略、市场与创新，他主导城市空中交通(UAM)战略在该地区的制定和实施，并尤为关注航空电子和空域管理创新性解决方案的发展。深耕战略、业务拓展和市场领域 20 余年，夏博源先生丰富的从业经验为泰雷兹的发展注入源源动力。自 2010 年以来，他一直在泰雷兹航空相关业务领域担任领导职务。在此之前，他帮助过多家头部企业于欧洲和东南亚开拓新业务、增加市场份额。夏博源先生毕业于哈佛商学院，获工商管理硕士学位。他还拥有巴黎中央理工学院的工程学硕士学位以及巴黎政治学院的政治学硕士学位。

Nicolas Chapuis is in charge of strategy, marketing and innovation for Thales in Northern Asia. He is leading the definition and the implementation of the strategy of Thales for UAM in the region. He is particularly focusing on innovative avionics and airspace management solutions. Nicolas is bringing to Thales over 20 years of experience in strategy, business development and marketing. He has held leadership positions in these fields for aerospace related business lines of Thales since 2010. Prior to that, he has helped leading companies start new activities and increase their market shares in Europe and South-East Asia. Nicolas is a MBA graduate from Harvard Business School. He also has a MS degree in engineering from Ecole Centrale Paris and a MA degree in political sciences from Institut d'Etudes Politiques de Paris.

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Building a future we can all trust

## 魏嘉业 博士 Dr. Javier Vicedo

欧洲航空安全局东北亚及中国区代表

EASA Representative, China and North Asia

魏嘉业博士自 2016 年 2 月起担任欧洲航空安全局(EASA)中国和北亚首席代表。有 20 年航空从业经验，在入职 EASA 之前，他任职于空客中国的办公室主任及业务发展高级总监。担任中国欧盟商会(EUCCC)航空航天工作组主席，拥有剑桥大学工程学博士学位，同时从事教育事业并向大学生和航空专业人士开展航空和航天方面的讲座。

Javier Vicedo is Representative for the European Union Aviation Safety Agency (EASA) for China and North Asia since February of 2016. Throughout his 20 years career in the aviation industry. Previous to his work at EASA, Javier held the position of Chief of Staff and Senior Director Business Development at Airbus in China. He was also Chairman of the European Union Chamber of Commerce in China (EUCCC) Aviation & Aerospace Working Group. Javier holds a PhD in Engineering from Cambridge University and is still engaged in education by giving lectures on aviation and aerospace to University students and aviation professionals.



## 廖旭东 Xudong LIAO

CAE中国区销售总监

Account Leader – China, CAE Inc.

廖旭东于2014年加入CAE，担任CAE香港训练中心区域销售经理，负责中国，包括香港、澳门、和台湾地区的所有销售和市场活动。2016年，他从民航培训部门调派到模拟机产品销售，担任CAE中国区销售总监，负责CAE模拟设备在中国的营销活动。他的一些主要客户包括中国南方航空集团、海南航空集团，厦门航空公司等主要航空公司，以及中航工业 (AVIC) 等原始设备制造商。在加入CAE之前，廖旭东在无人机行业工作了5年。廖旭东先生拥有塔夫茨大学弗莱彻学院工商管理硕士学位，悉尼大学航空航天工程学士和硕士学位。

Xu Dong Liao joined CAE in 2014 as Regional Sales Manager of CAE Hong Kong Training Center responsible for all sales and marketing activities in Hong Kong, Macao, Taiwan and China. In 2016, he was transferred from Civil Aviation Training to Simulator Product Sales as country Account Leader oversee all Simulation Equipment sales and marketing activities in China. Some of his key accounts including major airlines such as China Southern, Hainan Airlines group, Xiamen Airlines and OEM like AVIC. Prior to joining CAE Xu Dong worked in Unmanned Aerial Vehicle (UAV) industry for 5 years. Xu Dong received his MBA from the Fletcher School of Tufts University, and Bachelor and Master of Aerospace Engineering Degree from University of Sydney.

CAE



## 刘剑 Richard LIU

亿航智能首席财务官

Chief Financial Officer, EHang

刘剑先生2015年8月加入亿航智能，担任财务副总裁，自2017年5月担任首席财务官。加入亿航智能之前，刘先生于2014年5月至2015年8月担任世纪互联集团(纳斯达克股票代码:VNET)的财务副总裁兼下属新事业群的首席财务官。2008年3月至2014年5月期间，刘先生在多家行业领军企业担任首席财务官，包括华环保科技、中国多肽产业集团、中国能源回收股份有限公司。在此之前，刘先生在1996年至2000年间任职于安达信国际会计师事务所(Arthur Andersen)担任高级顾问。刘先生1996年毕业于上海交通大学获得工学学士学位，2003年毕业于美国加州大学洛杉矶分校获得安德森商学院工商管理硕士学位。刘先生是中国注册会计师(CPA)协会会员。

Mr. Richard Jian Liu has served as the Chief Financial Officer of EHang (Nasdaq: EH) since May 2017. Mr. Liu joined EHang as a vice president of finance in August 2015. Prior to joining EHang, Mr. Liu served as group Vice President of Finance and Chief Financial Officer of the New Business Group at 21Vianet Group, Inc. (Nasdaq: VNET) from May 2014 to August 2015. From March 2008 to May 2014, he also served as the Chief Financial Officer at several industry-leading companies, including Ecoplast Technologies Inc., China Polypeptide Group, Inc. and China Energy Recovery, Inc. Prior to that, he worked as a senior consultant at Arthur Andersen LLP, a public accounting firm, in its China offices between 1996 to 2000. Mr. Liu received his bachelor's degree in engineering from Shanghai Jiao Tong University in 1996 and his master's degree in business administration from the Anderson Graduate School of Management at the University of California, Los Angeles in 2003. Mr. Liu is a member of Chinese Institute of Certified Public Accountants.

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## 张曙光 教授 Prof. Shuguang ZHANG

北京航空航天大学交通科学与工程学院教授、  
博士生导师

Professor, Doctoral Supervisor, School of Transportation Science  
and Engineering, Beihang University.

张曙光教授是德国慕尼黑工业大学客座教授(2018-2020);中国航空学会飞行力学专业委员会委员;《飞行力学》杂志编委;教育部交通运输类专业指导航空分委员会委员。长期从事载运工具运用工程、航空器适航技术方面的研究,并培养了“航空器适航技术”学科专业的国内第一批博士。

Professor Zhang got a guest professorship in Technical University of Munich, Germany from 2018 to 2020. Member of the Flight Mechanics Committee of the Chinese Academy of Aeronautics; Editorial Board member of the Journal of Flight Mechanics; Member of the Aviation Transportation Subcommittee of the Teaching Steering Committee of the Ministry of Education. She has been engaged in the research of vehicle application engineering and aircraft airworthiness technology for a long time, and trained the first domestic PhDs in the airworthiness field.



## 姚可及 Keji YAO

奥雅纳声学、影音以及场馆设计专业的中国区总顾问  
Arup Associate in Acoustics, Audio-Visual and Theatre Consulting

姚可及是英国声学学会的成员之一,具有声学及音乐双硕士学位。他在声学、影音以及场馆设计方面有着丰富的项目经验,其负责项目类型广泛而全面,包括综合发展、星级酒店、甲级办公、高档住宅、高档商业、教育机构、体育场馆、表演艺术场馆、博物展览馆等。他凭借丰富的项目经验,以客户成本效益和项目愿景出发,致力于提供创新的综合设计方案。他精通各种声学及影音电脑模拟软件,并领导参与了香港和新加坡奥雅纳SoundLab的设计与实施,为客户提供了3D模拟声响的体验,以帮助客户在项目设计阶段就可以真实体验到各种设计方案下的声学环境,从而有助于客户更加快速而直观地确定设计方案。

Keji Yao is a member of Institute of Acoustics in UK with a MSc in Acoustics and MA in Music. He has worked on a very wide variety of projects in mixed-use, hotels, commercial office, residential, retail, education, public facilities, government buildings, transportation hub, infrastructure, data centre, leisure, entertainment and hospitality, including performing arts venue, sports centre and museum. He has significant experience in modelling and auralisation which enable clients to make design decisions based on listening rather than cold numbers. He led the renovation of the Arup's Soundlab in Hong Kong office and developed the same facility in Singapore office. The SoundLab is a purpose built and engineered space for creating, listening and analysing sound, and demonstrating sound to clients, as well as being used for interactive design development of geometry and materials.

ARUP



## 赵铁楠 Tienan ZHAO

辽宁通用航空研究院副院长

Vice President Liaoning General Aviation Research Institute

现任辽宁通用航空研究院副院长一职,曾在航空工业沈飞及沈飞民机、沈飞国际任职,从事民用航空产品26年,在民用飞机的研发设计、制造、适航、质量、项目管理、市场、战略发展等方面有较为全面和丰富的工作实践和经验,从事过与波音、空客、庞巴迪、IAI、新宇航等公司的多个国际合作项目。

Mr. Zhao Tienan is the vice President of Liaoning General Aviation Academy. He served various roles at AVIC SAC, SACC and SACL for over 26 years in his career. He has comprehensive and rich industry experiences in civil aviation research and development, manufacture, airworthiness, quality control, project management, marketing as well as strategy development, etc. He was responsible for a number of international cooperation projects partnership with Boeing, Airbus, Bombardier, IAI, ST Engineering and others.



辽宁通用航空研究院  
LIAONING GENERAL AVIATION ACADEMY



## 车轩 Charlie CHE

Aviation Week《航空周刊》中国区总经理

General Manager, Aviation Week Network of Greater China region.

车轩先生负责制定和实施航空周刊大中华区的市场战略。曾担任 Cirium 大中华区销售主管,霍尼韦尔航空航天公司高级战略营销经理,巴西航空工业公司战略经理和ICF SH&E航空咨询公司高级顾问,普拉特-惠特尼中国公司的认证航空发动机讲师。拥有中国北京航空航天大学的工程学士学位,以及来自北京大学和比利时根特的鲁汶商学院的双国际工商管理硕士学位。

Mr. Che is responsible for shaping and implementing AWN strategy for Greater China region. Prior to joining AWN, Mr. Che was head of Sales, Greater China in Cirium; Senior Strategic Marketing Manager in Honeywell Aerospace; Strategic Manager in Embraer and Senior Consultant in ICF SH&E Aviation Consulting; He is also a certified powerplant instructor in Pratt & Whitney China. Mr. Che's university degrees include a Bachelor of Engineering from the Beijing University of Aeronautics and Astronautics, China, and Dual International Master of Business Administration Degrees from Perking University, Beijing, China and Vlerick Leuven Gent Business School, Gent, Belgium.

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