

## CALL FOR PAPERS

RAeS / AHS / AIAA / SAE



**ROYAL  
AERONAUTICAL  
SOCIETY**

Publications Partner:

**THE  
AERONAUTICAL  
JOURNAL**

# INTERNATIONAL POWERED LIFT CONFERENCE 2018

**BRISTOL, UK / 13 - 15 NOVEMBER 2018**

In 2018, the International Powered Lift Conference (IPLC) returns to the UK. This gathering of top powered-lift propulsion experts is a unique opportunity for those wanting to learn the latest advances in the challenging regime of vertical and/or short take-off and landing (V/STOL) flight, and to learn about the latest powered lift-related systems in closer detail. Paper submissions should highlight current research, ongoing efforts, past successes, and existing or expected future challenges in fielding new technologies from the operator perspective for commercial, military, and other aerospace system applications including electric vertical take-off and landing (eVTOL) aircraft.

IPLC 2018 will focus on three primary powered lift applications: advanced rotorcraft, jet-lift concepts and technologies, and recent progress in electric propulsion applications to V/STOL. The IPLC planning committee is seeking abstracts for the following topics, as well as abstracts on other topics related to the scope of this conference:

- Electric VTOL Concepts, Propulsion and Control Technologies
- Advanced Rotorcraft Concepts
- JSF and Lift-Systems Technologies and Advances
- V/STOL UAV Applications and Propulsion Concepts
- Personal Air Vehicles
- ESTOL, STOL and VSTOL Concepts and Applications
- Applications of Powered Lift to Re-entry Vehicles
- V/STOL Flight Testing Experiences, Pilot Reports and Operational Trials
- Integrated Flight & Propulsion Control

### INSTRUCTIONS TO AUTHORS

The Organising Committee invites prospective authors to submit abstracts of original work for presentation at the Conference.

Authors are requested to contribute both a half hour presentation at the conference and a written paper for the proceedings. Alternatively authors are welcome to propose abstracts for short presentations to be given in poster sessions, and are encouraged to submit a written paper with this.

The Organising Committee reserve the right to enforce a no paper, no present / no present, no paper rule.

Abstracts (in English) should contain between 300 - 500 words and include figures and results. Abstracts and papers should be unclassified, suitable for open proceedings, presentation and discussion.

Scientific papers should indicate the maturity, validity of the content, the viability of the approach and the integrity of the results. Abstracts should discuss the application and exploitation of results.

The Committee will identify a number of reserve papers for each session.

Abstracts should be submitted by **Friday 28 April 2018**. Accepted scripts and presentations, fully cleared for publication and presentation should be submitted by **Friday 19 October 2018**.

### KEY DATES AND DEADLINES

- Abstracts submitted by: 28 April 2018
- Authors notified by: 12 June 2018
- Programme Circulation: 15 July 2018
- Full paper submission: 19 October 2018

### CONFERENCE AND EVENTS DEPARTMENT

Royal Aeronautical Society  
No.4 Hamilton Place  
London W1J 7BQ, UK  
T: +44 (0)20 7670 4345  
E: conference@aerosociety.com

## CALL FOR PAPERS

RAeS / AHS / AIAA / SAE



**ROYAL  
AERONAUTICAL  
SOCIETY**

Publications Partner:

**THE  
AERONAUTICAL  
JOURNAL**

# INTERNATIONAL POWERED LIFT CONFERENCE 2018

**BRISTOL, UK / 13 - 15 NOVEMBER 2018**

- Jet-Induced Aerodynamic Effects
- Powered Lift — History & Lessons Learned
- Transformational Vertical Flight Interaction Research and Technologies
- Next Generation Civil Tiltrotor (NGCTR) AW609, V-22, V-280 and Other Civil/Military Tiltrotors
- Ducted Fan Powered Lift Technologies
- V/STOL Safety and Reliability
- V/STOL Technologies - Performance, Testing, and operational issues

Abstracts should be 300-500 words in length, present facts that are new and significant, and should include results achieved, if applicable. Abstracts, including paper title, author name(s), mailing address, telephone number, and email address, should be submitted no later than 28 April 2018.

### Bristol

The conference will take place in Bristol, United Kingdom. Bristol is one of the major aerospace centres of the world and several aerospace companies including Airbus, Rolls-Royce, BAE Systems and Thales operate there. It is also renowned for its two major Universities with International connections.

Bristol lies some 120 miles west of London has seen 108 years of aviation. The city is well connected to national and international transport.

All written papers will be included in the Conference Proceedings and made available to delegates through the Society's proceedings website. Accepted papers may also be considered for inclusion in the Royal Aeronautical Society's Aeronautical Journal, subject to the refereeing process.

It is important to note that papers should not have been published previously and they should avoid inappropriate sales or marketing content.

Speakers will be entitled to register using a reduced delegate rate.

To submit an abstract please email us with the following information:

- Corresponding author's name
- Speaker's name (including title)
- Speaker's job title
- Speaker's employer
- Title of presentation/ paper
- Abstract
- If you wish to present in the poster session

Please send this to Richard Nicholl, Head of Conferences at the Royal Aeronautical Society, [richard.nicholl@aerosociety.com](mailto:richard.nicholl@aerosociety.com).

Please quote reference no. #914

### KEY DATES AND DEADLINES

- Abstracts submitted by: 28 April 2018
- Authors notified by: 12 June 2018
- Programme Circulation: 15 July 2018
- Full paper submission: 19 October 2018

### CONFERENCE AND EVENTS DEPARTMENT

Royal Aeronautical Society  
No.4 Hamilton Place  
London W1J 7BQ, UK  
T: +44 (0)20 7670 4345  
E: [conference@aerosociety.com](mailto:conference@aerosociety.com)