2nd International Workshop on Aerodynamics Covering flow Regimes August 09~12, 2017 Mianyang, China

CALL FOR ABSTRACTS

Invitation

The Hypervelocity Aerodynamics Institute(HAI), China Aerodynamics Research and Development Center(CARDC), hereby sincerely extend our warm welcome to participate in the Second International Workshop on Aerodynamics Covering flow Regimes during August 09~12, 2017 in Mianyang, Sichuan Province, P.R.China.

This workshop is sponsored by the Chinese Fundamental Research 973 Program "Study on key basic problems of aerodynamics and flight control covering flow regimes for aerospace craft" subsidized by the National Ministry of Science and Technology, and the National Outstanding Youth Fund & Integrated Projects under Grants Nos.11325212 & 91530319 from the National Natural Science Foundation of China.

Objectives

The workshop will highlight advances in aerodynamics with particular focus on the following, but not limited to:

- Mathematical modeling, algorithm implementation and numerical computation of aerodynamics
- Flight controlling and orbit dynamics of the spacecraft
- ➤ High-performance parallel computing and theoretical analysis on reentry aerothermodynamics
- > Pyrolysis and ablation of the composites
- Dynamic thermo-mechanical response of spacecraft structure under aerodynamic environment
- > Flight track prediction of disintegration during end-of-life spacecraft falling reentry

Submission

One-page abstracts are invited to submit to the workshop secretariat with the title, author names, affiliation, address, and e-mail address of the corresponding author. A notification email will be sent once an abstract is accepted. Official invitation letter will be followed when it is issued by our government if visa application is required.

Preliminary Schedule

August 08	Registration
August 09	Opening ceremony, regular sessions
August 10	Regular sessions, lab tour, banquet
August 11	Regular sessions
August 12	Farewell party

Important Dates

Abstract submission

June 01, 2017

Notification of acceptance June 15, 2017 PPT/PDF presentation submission July 20, 2017

Chair

Prof. Li Zhihui, HAI, CARDC

Secretariat Coordinates

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