



3rd International Conference on High Temperature Gas Dynamics

October 24-26, 2019 Mianyang, China

CALL FOR ABSTRACTS

Invitation

The Third International Conference on High Temperature Gas Dynamics will be held by the Hypervelocity Aerodynamics Institute (HAI), China Aerodynamics Research and Development Center (CARDC), during October 24~26, 2019 in Mianyang, Sichuan Province, P.R.China. You are cordially invited to participate in the conference. Mianyang is a beautiful city located in southwest of China.

Objectives

The conference will provide a forum for scientists, professors and students working in High-Temperature Gas Dynamics to exchange their research ideas and recent results. The relevant topics are particularly focused on the following, but not limited to:

- Advanced hypersonic facilities and diagnostics
- Aerodynamic heating and TPS
- Aircraft aerodynamics and optimization
- High enthalpy flows
- Hypersonic boundary layer transition
- Plasma flows and its processing
- Rarefied gas dynamics
- Shock and detonation physics
- Supersonic combustion and propulsions

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

Oct. 24 Registration
Oct. 25 Opening ceremony, regular sessions
Oct. 26 Regular sessions, lab tour

Important Dates

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| Abstract submission | August 30 |
| Notification of acceptance | September 15 |
| Presentation submission | October 24 |

International Advisory Committee

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|-----------------|---------------------|
| Bi Zhixian | Frank Lu |
| Herbert Olivier | Hideyuki Tanno |
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