

Dear Colleague,

We are pleased to invite you to participate in the 29th Rarefied Gas Dynamics (RGD) symposium which will be held in Xi'an of China, a city full of Chinese culture and history.

The symposium deals with the properties and flows of rarefied gases and plasmas. The interdisciplinary character of the symposium collects researchers from different fields including mathematics, physics, chemistry, fluid dynamics, and aerospace sciences, covering fundamental as well as applied aspects. This will be the 29th edition of a prestigious series of International Symposia which started in 1958 and have become the main forum for researchers, developers, managers, scholars, and students in the RGD field.

Xi'an is recognized as one of the most important cities in China, both historically and currently. It was called Chang'an in ancient times, and has been the capital region for over 1200 years. Xi'an, now the capital of Shanxi province in northwest China, has attracting tourists from everywhere in the world. So plan to bring your families and make your visit unforgettable.

We are looking forward to seeing you in Xi'an in July 2014!

Chair of the Symposium

Jing Fan



TOPICS FOR CONTRIBUTIONS

- ✓ Boltzmann and Related Equations
- ✓ Clusters and Aerosols
- ✓ DSMC and Related Simulations
- ✓ Experimental Procedures in RGD
- ✓ Gas-Surface Interactions
- ✓ Granular Fluids
- ✓ Hybrid Methods
- ✓ Jet and Plumes
- ✓ Kinetic and Transport Theory
- ✓ Micro- and Nano-scale Flows and Devices
- ✓ Molecular Beam and Collisions
- ✓ Molecular Dynamics Simulations
- ✓ Numerical Solutions of Kinetic Equations
- ✓ Particle Methods for Flow Simulations
- ✓ Plasma Flows and Processing
- ✓ Radiation and Plasma Flows
- ✓ RGD in Astrophysics
- ✓ Reaction and Relaxation Processes
- ✓ Space Vehicles Aerodynamics
- ✓ Turbulence
- ✓ Vacuum Gas Dynamics

International Advisory Committee

- | | |
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| T. Abe (Japan) | K. Aoki (Japan) |
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Conference Registration Fee

- \$600 early registration fee, until May 15
- \$700 regular registration fee, after May 15

For PhD students

- \$300 early registration fee, until May 15
- \$350 regular registration fee, after May 15

29th INTERNATIONAL SYMPOSIUM ON RAREFIED GAS DYNAMICS

Institute of Mechanics, Chinese Academy of Sciences

Chinese Society of Theoretical and Applied Mechanics

SECOND ANNOUNCEMENT



Xi'an, China

July 13-18, 2014



Potential participants are invited to visit the Symposium website: <http://rgd29.org>

Contact: RGD29 Secretariat

E-mail: rgd29@imech.ac.cn

Symposium venue: Hilton Xi'an Hotel