

First Announcement
32nd International Symposium on Rarefied Gas Dynamics (RGD32)
13th-17th (Mon-Fri) July 2020
Seoul, South Korea

We are delighted to announce the RGD32-2020 symposium in Seoul, South Korea.

The symposium will serve as a global platform to bring together the best of current work on diverse and emerging subjects in rarefied gas dynamics. Since the first symposium in Nice (France) in 1958, it has been held every other year worldwide. Seoul is a city where tradition and cutting-edge technology coexist in perfect harmony. We look forward to welcoming you to Seoul (South Korea) in July 2020.

Relevant topics include

- Boltzmann and Related Equations
- Kinetic Theory for Gases and Complex Systems
- Numerical Methods for Kinetic Equations
- PDE-based Computational Methods for Non-equilibrium Flows
- DSMC and Related Simulations
- Molecular Dynamics and Particle Methods
- Mesoscale and Multiscale Modeling
- Micro- & Nano-scale Flows and Heat Transfer
- Porous Media Flows
- Granular Flows and Aerosols
- Multiphase Flow and Kinetic Modeling
- Non-equilibrium Reacting Flows
- Experimental Techniques for Non-equilibrium Flows
- Hypersonic Facilities and Diagnostics
- Space Vehicle Aerodynamics and Propulsion
- Shock Waves in Rarefied Flows
- Gas-Surface Interactions and Slip Flows
- Vacuum Technology
- Vapor Deposition Processes and Simulation
- Molecular Beam and Collisions
- Plasma Flows and Processes
- Jets, Plumes and Surface Interaction
- Radiation and Astrophysics
- High-performance Computing in RGD

Organizing committee

Rho Shin Myong (Chair), Jae Hyun Park, Gyeongsang National University

Kun Xu (Co-Chair), Hong Kong University of Science and Technology

Jong-Shinn Wu (Co-Chair), National Chiao Tung University

Kyu Hong Kim, Seoul National University

Kyun Ho Lee, Jae Gang Kim, Sejong University

Gisu Park, Korea Advanced Institute of Science and Technology

Il Youp Sohn, Korea Institute of Science and Technology Information

Eun Ji Jun, University of Edinburgh

Other information

Call for papers (with RGD32 website) planned in August 2019

Abstract submission planned to open in December 2019

Contact email: rgd32@gnu.ac.kr

