

## SECOND ANNOUNCEMENT

# 31<sup>st</sup> International Symposium on Rarefied Gas Dynamics (RGD31)

23<sup>rd</sup>-27<sup>th</sup> July 2018

University of Strathclyde, Glasgow, UK

### *Welcome from the organisers*

Scottish scientists, including James Clerk Maxwell, have made indispensable contributions to rarefied gas dynamics. RGD31 will provide an opportunity to experience Scotland's rich legacy in science, mathematics and engineering. We look forward to welcoming you to Glasgow on 23<sup>rd</sup> – 27<sup>th</sup> July, 2018.



### Relevant topics include

- Boltzmann and Related Equations
- Kinetic and Transport Theory
- Numerical Methods for Kinetic Equations
- DSMC and Related Simulations
- Molecular Dynamics and other Particle Methods
- Multiscale Modelling
- Porous Media Flows
- Granular Flows and Aerosols
- Non-equilibrium Reacting Flows
- Moment Methods
- Experimental Techniques for Non-equilibrium Flows
- High-performance Computing in RGD
- Space Vehicle Aerodynamics
- Vacuum Technology
- Molecular Beam and Collisions
- Gas-Surface Interactions
- Plasma Flows and Processes
- Jets and Plumes
- Micro- and Nano-scale Flows
- Radiation and Astrophysics
- Reaction and Relaxation Processes

### Key dates

December 18, 2017

Registration opens

April 1, 2018

Abstract submission deadline

April 15, 2018

Acceptance notification

May 15, 2018

Early registration deadline

### Organising Committee

Yonghao Zhang, Marco Fossati, Dimitris Drikakis, Lei Wu, Sina Haeri (University of Strathclyde)

Jason Reese (University of Edinburgh)

Duncan Lockerby (University of Warwick)

David Emerson (STFC Daresbury Laboratory)

Konstantinos Kontis, Craig White (University of Glasgow)

**Symposium website:** [jwfl.ac.uk/events.cfm](http://jwfl.ac.uk/events.cfm)

**Contact email:** RGD31@strath.ac.uk