



Royal  
Astronomical  
Society

**RAS Group Award (G)  
UK Fireball Alliance (UK FAIL)**

The 2022 Group Achievement Award in Geophysics is awarded to the UK Fireball Alliance (UKFAIL) in recognition of the recovery of the Winchcombe meteorite, which fell in Gloucestershire in Feb 2021. The actions of the team to triangulate numerous observations of a bright fireball witnessed across the UK and into Europe allowed for an accurate fall location to be identified. Members of the team quickly travelled to the area and worked with local people to carefully recover fragments of the meteorite before it could degrade and be contaminated by the terrestrial environment. The meteorite is a rare carbonaceous chondrite and is the only one of its type to have been recovered in the UK. UKFAIL has initiated multiple consortia studies enabling UK and international researchers to study its chemical and physical properties, including time-sensitive studies that can only be successfully achieved on freshly fallen meteorites. Additionally, UKFAIL members are actively involved with a wide variety of public outreach and education activities and have carried out numerous media interviews and worked with local school and community groups in the Winchcombe area to publicise this scientifically rare event. The UK Fireball Alliance is coordinated by Peter Campbell-Burns, Dr Apostolos Christou, Dr Gareth Collins, Dr Luke Daly, Will Gater, Dr Jana Horák, Prof. Katherine Joy, Richard Kacerek, Dr Ashley King, Dr Sarah McMullan, and Jim Rowe.