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The 2023 Price Medal is awarded to Dr Rhian Jones

The 2023 RAS Price Medal is awarded to Dr Rhian Jones from the University of Manchester in recognition of her outstanding contributions in a series of closely-linked investigations using chondritic meteorites to understand the composition and formation of the first planetary bodies in the Solar System. Dr Jones is a world-renowned expert in how some of the first formed rocky building blocks of our Solar System - mm sized melt droplets known as chondrules - were formed and then incorporated into larger rocky bodies we now know as the chondritic asteroids. Dr Jones is a highly skilled analyst using a variety of different analytical techniques to investigate the mineralogy, texture, chemistry and isotopic compositions of chondrules in different types of chondritic meteorites. These combined studies have revealed crucial insights into the different temperature and pressure conditions that existed in the early Solar System and have proven fundamental to understanding geophysical and geochemical processes in protoplanetary discs and the origins and transport of fluids in early formed asteroids. Dr Jones's expertise has been recognised in having an asteroid named after her (5366 Rhianjones). In addition to her research activities, Dr Jones is an excellent mentor and teacher, who openly shares her extensive knowledge and passion for meteoritics, cosmochemistry and mineralogy with peers and students alike. This fact can be well-demonstrated by the numerous review papers and book chapters on chondrules and chondritic meteorites that she has authored over the years, many of which are the 'first stop' for experts and early career-researchers in this area of meteoritics and planetary science research.

For these reasons Dr Rhian Jones is awarded the RAS Price Medal for 2023.