Dr Giulia Magnarini - Early Career Award (G)

The 2025 Early Career Award (G) is awarded to Dr Giulia Magnarini from the Natural History Museum, London in recognition of her pioneering research using a multi-disciplinary approach to further our understanding of long runout landslides across the Solar System. Not only does Dr Magnarini use remote sensing investigations from satellites but also leads field expeditions to collect drone data and samples for laboratory analyses and carries out complex analogue experiments to simulate formation mechanisms of long runout landslides. Dr Magnarini has led each aspect of this work, forging collaboration networks across disciplines, which has led to her being an invited keynote speaker at an international forum, as well as in seminars in the UK, Europe, and South America.

The growing reputation among her peers led to Dr Magnarini being invited as one of only a handful of UK members of the NASA Next Generation Apollo Sample Analysis (ANGSA) program. This US-led initiative involved the first opening and analysis of Apollo 17 core samples since they were collected in 1972. Dr Magnarini has mastered a broad collection of methods across disciplines in a short period of time, which has allowed her to address key questions in planetary science in a new way. Her insight into the mechanisms involved in long runout landslides across the Solar System is changing the narrative of how these enigmatic features form.