Royal Astronomical Society

The 2023 James Dungey Lecture is awarded to Professor Marina Galand

Professor Marina Galand is a world-leading expert in the atmospheric physics of a wide range of solar system bodies, including planets such as Earth and Saturn, moons such as Titan and Ganymede, the comet 67P/ Churyumov-Gerasimenko and exoplanetary bodies. Marina's detailed approach to modelling atmospheres has produced new insight into the energy sources and physical processes operating within atmospheres of distant solar system objects, where in-situ data is a rare commodity. Among her many achievements, her work on aurora on comets has been highlighted for praise, with wide impacts for aurora generation at other planetary bodies such as Earth, Mars and Jupiter's moons Ganymede and Europa. Marina's experience with the Rosetta Mission to comet 67P, the Comet Interceptor, Venus Express, Cassini-Huygens Mission, and the Jupiter Icy Moons Explorer among many other missions tells of her high standing in the field. Marina is also a proven, excellent science communicator presenting at many science festivals and exhibitions, publishing in popular science magazines and receiving awards for her teaching and student support.

For these reasons Professor Marina Galand has been awarded the James Dungey Lectureship.

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