



Juice Launch Event

The Microwave Physics Department of the Institute of Applied Physics designed the optics and developed the calibration unit for the Submillimetre Wave Instrument (SWI) on-board the Jupiter Icy Moons Explorer (Juice) mission of the European Space Agency (ESA). Instead of visible light, SWI will measure thermal radiation in submillimetre wavelengths to determine the temperature distribution, composition and winds in Jupiter's stratosphere. The atmospheres and the surface properties of the Jupiter's icy moons Ganymede, Callisto, and Europa will be investigated as well.

Juice will start its journey towards the Jupiter system on 13 April 2023, and an associated event will be held at the University of Bern. Visit the launch event [Juice Launch](#) for more information about the event and the contributions of the University of Bern to the mission.