

## **Title**

**Instrumentation for planetary exploration**

## **Speaker**

**David Lumb**

## **Abstract**

The lecture will give an overview of remote instrumentation being used for remote sensing and in-situ measurements by using examples of past space projects and missions under preparation.

Due to mass and volumes being limited for planetary exploration missions, the main aim is to design miniaturised instruments with maximum observation capability. Limitations in the available data rate and operations in remote areas over long distances often require specific solutions.