# Special Issue

# Supermassive Black Hole Mass Measurements

### Message from the Guest Editor

The Special Issue aims to host several contributions dealing with supermassive black hole (SMBH) mass measurements from the local universe to high redshifts. Potential topics include, but are not limited to, the following:

- SMBH mass measurements using new or established techniques;
- High-redshift studies of galaxy and SMBH growth using kinematics or line excitation;
- SMBH growth over cosmic time, either through observations, R-L relationships, or simulations;
- Cross-checks between different mass measurement techniques;
- Kinematic studies that probe the SMBH sphere of influence;
- RM or accretion disk studies that can provide information about SMBH masses;
- The connection between an SMBH mass and the circumnuclear environment;
- An analysis of the current samples to probe SMBH mass–host galaxy scaling relationships;
- A review of the current state of SMBH mass measurements or the growth of SMBH masses during mergers.

### Guest Editor

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### Deadline for manuscript submissions

20 March 2026

**Universe**

**an Open Access Journal by MDPI**

**Impact Factor 2.6**
**CiteScore 5.2**

mdpi.com/si/231592

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# About the Journal

## Message from the Editor-in-Chief

The multidisciplinary journal *Universe* is aiming to follow and, hopefully, to lead to the largest extent as possible the ever-self renovating threads which weave mathematical theories with our understanding of the magnificent natural world. On behalf of all the distinguished members of the Advisory and Editorial Boards, I extend my welcome to this journal and look forward to hearing from the interested contributors and learning about their valuable research.

## Editor-in-Chief

Prof. Dr. Lorenzo Iorio
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