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BLACK HOLES

This volume is based on a meeting held at the Space Telescope Science Institute on April 23–26, 2007.

This collection of review papers, written by world experts in the many aspects of black hole physics and astrophysics, regarding stellar-mass, intermediate-mass, and supermassive black holes, and provides an invaluable resource, both to professional astronomers and astrophysicists, and for students. The topics covered range from black hole entropy and the fate of information to supermassive black holes at the centers of galaxies, and from the possibility to produce black holes in collider experiments to the measurements of black hole spins.
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Black holes

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Preface


These proceedings represent a part of the invited talks that were presented at the symposium. They cover many aspects of black hole physics and astrophysics, regarding stellar-mass, intermediate-mass, and supermassive black holes. Topics range from black hole entropy and the fate of information to supermassive black holes at the centers of galaxies, and from the possibility to produce black holes in collider experiments to the measurements of black hole spins. Since these articles were written by world experts in their respective disciplines, this volume represents an extremely valuable collection for researchers and students alike.

The ST ScI Symposium on Black Holes attempted to capture all the aspects involved in the astrophysics of black holes.

We thank Sharon Toolan of ST ScI for her help in preparing this volume for publication.

Mario Livio
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