



**UNIVERSITÄT
BIELEFELD**

Fakultät für Physik

Physikalisches Kolloquium

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Nobel Prize 2020: (super)massive black holes in our Galaxy

One year ago, Roger Penrose, Reinhard Genzel and Andrea Ghez were awarded the Nobel Prize in Physics for their work on black holes. Specifically, Penrose's theoretical work that demonstrated the robustness of black-hole formation; and the dual effort of Ghez' and Genzel's groups to provide observational confirmation of a supermassive black hole in the centre of the Milky Way Galaxy, were rewarded with the award. In this colloquium talk, I will review the observational aspect of the prize and present a selection of the most impressive observational studies of the central Black Hole of our Galaxy, with a particular focus on the work by the two Nobel Prize Laureates.

Monday, October 11, 2021, 4:15 p.m.

H4 & zoom