# The Nobel Prize in Physics 2020

Roger Penrose preliminary portrait

### [Roger Penrose](https://www.nobelprize.org/prizes/physics/2020/penrose/facts/)

Prize share: 1/2

Reinhard Genzel preliminary portrait

### [Reinhard Genzel](https://www.nobelprize.org/prizes/physics/2020/genzel/facts/)

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Andrea Ghez preliminary portrait

### [Andrea Ghez](https://www.nobelprize.org/prizes/physics/2020/ghez/facts/)

Prize share: 1/4

The Nobel Prize in Physics 2020 was divided, one half awarded to Roger Penrose "for the discovery that black hole formation is a robust prediction of the general theory of relativity", the other half jointly to Reinhard Genzel and Andrea Ghez "for the discovery of a supermassive compact object at the centre of our galaxy."