



Prague, 20 – 21 April 2023

# Prof. Reinhard Genzel

Astrophysicist Reinhard Genzel, Nobel Prize laureate 2020, will be the guest of the Learned Society of the Czech Republic and the Faculty of Mathematics and Physics, Charles University. You can attend his two lectures and a discussion (all in English). Their common theme is the massive black hole at the center of our galaxy - the Milky Way.

## Thursday 20 April 10 a.m.

Discussion

### Supermassive Black Hole in the Center of the Milky Way

The Green Hall of the Rectorate  
of the Charles University  
Celetná 20, Prague 1

*Discussion on the infrared astronomy,  
building astronomical instrumentation, stellar  
orbits around Sgr A\* and general relativity.*

## Thursday 20 April 2 p.m.

Bolzano lecture of the Learned Society

### A Forty Year Journey

The Blue Hall of the Rectorate  
of the Charles University  
Celetná 20, Prague 1

*Portray of the stepwise progress in the  
evidence for the existence of the massive black  
hole in the Galactic Center. It hinged on a  
number of key breakthroughs in  
experimental/observational astronomy, from  
adaptive optics, sensitive detectors to optical  
interferometry.*

## Friday 21 April 9 a.m.

Lecture

### Galaxies and Massive Black Holes

The lecture halls T1 and T2  
of the the Faculty of Mathematics and  
Physics, Charles University  
V Holešovičkách 747/2, Prague 8

*On the progress of our knowledge of galaxy  
evolution and of the evidence for massive  
black holes at galactic centers showing the  
remarkable story of 'co-evolution' of galaxies  
and supermassive black holes.*



German astrophysicist Reinhard Genzel is co-director of the Max Planck Institute for Extraterrestrial Physics, a professor at Ludwig Maximilian University of Munich and an emeritus professor at the University of California, Berkeley. He was awarded the 2020 Nobel Prize in Physics for the discovery of a supermassive black hole in the center of the Milky Way, which he shared with Andrea Ghez and Roger Penrose.