

Títol: The Black Hole at the Centre of the Milky Way

Conferenciant: Dr. Rainer Schödel

Cap del grup del "Galactic Center"

Training Coordinator of the IAA-CSIC Severo Ochoa

Excellence Programme

Instituto de Astrofísica de Andalucía - CSIC

Data i hora: 17 de desembre de 2020, 19 hores.

La conferència es podrà seguir de forma virtual, a través de l'aplicació Zoom.

La conferència s'impartirà en Anglès.

Resum:

The 2020 Nobel Prize for Physics was awarded to Andrea Ghez of UCLA and to Reinhard Genzel of the Max-Planck-Institute for Extraterrestrial Physics. This talk will review the infrared observations carried out by their teams over 30 years to show that the radio source Sagittarius A* at the centre of the Milky Way is related to a massive black hole of four million solar masses, and to test General Relativity in the vicinity of this object. I will tell the story of this experiment and describe the current status of research on SagittariusA*.

Currículum:

Rainer Schödel

Expert in high angular resolution near-infrared observations of the Galactic Centre PhD 2004 with Reinhard Genzel Max-Planck-Institute for Extraterrestrial Physics/University of Munich

2003-2007 Postdoc at Cologne University with Andreas Eckart

2008-2014 Ramón y Cajal Fellow at IAA-CSIC, Granada

2014-2019 PI of ERC Consolidator Grant

Staff scientist at IAA-CSIC since 2017

(Co)-Author of 130 refereed papers with over 8000 citations