

Imaging and understanding black holes

IRMP Colloquium & BEL Center Seminar

Monika Moscibrodzka

Radboud University

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<https://agenda.irmp.ucl.ac.be/event/4054/attachments/2437/3086/go>

On April 10th 2019 scientists have presented the first image of a black hole, using Event Horizon Telescope observations of the centre of the galaxy M87. The image shows a bright ring formed as light bends in the intense gravity around a black hole that is 6.5 billion times more massive than the Sun. This long-sought image provides the strongest evidence to date for the existence of supermassive black holes and opens a new window onto the study of black holes, their event horizons, and gravity. In this talk I will tell you how this picture has been made and what does it mean.