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Black holes, a century after the birth of General Relativity

Black holes are nowadays part of standard astrophysics, on (almost) the same footing as planets, stars or galaxies. I shall review their theoretical properties and their current observational status. Then, I shall discuss the prospects opened by a new generation of instruments, which, for the first time, will allow us to probe the immediate vicinity of the event horizon the black hole at the centre of our galaxy, thereby providing a unique opportunity to test General Relativity in the strong field regime.

Tuesday 15 March 2016 at 4.00 P.M.

COFFEE AND TEA WILL BE SERVED AT 3.45 P.M. IN FRONT OF THE SOLVAY ROOM

SOLVAY ROOM

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