

## Mihalis DAFERMOS

### The stability of the Kerr Cauchy horizon and the strong cosmic censorship conjecture in general relativity

I will discuss recent work on black hole interiors for dynamical vacuum spacetimes (without any symmetry) and what this means for the question of the nature of generic singularities in general relativity and the celebrated strong cosmic censorship of Penrose.

This is joint work with Jonathan Luk.