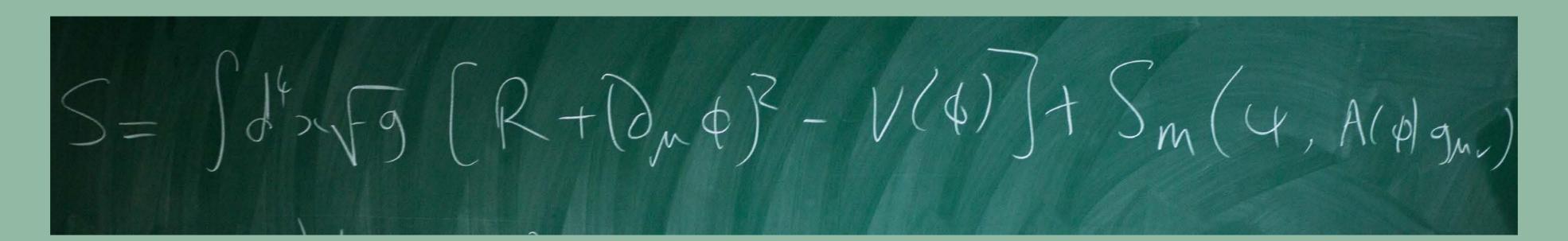


ANNE-CHRISTINE DAVIS

COUNTRY
AFFILIATION
FIELD OF RESEARCH

United Kingdom
University of Cambridge, United Kingdom
Particle cosmology, modified gravity theory, such as the chameleon model and related scalar-tensor theories of gravity



"I realised that to understand physics, one has to understand mathematics; that the two are intertwined, and you can't do physics without mathematics."

"When I came out of my PhD viva [at the University of Bristol] one of the lecturers said, "Congratulations ... so when are you going to get married?" I was really quite shocked. Cambridge was [also] quite a hard place to be a woman. Slowly things have improved, and now it's changed completely. It's changed out of all recognition. Quite a lot of that was down to an inspirational head of department it had, years ago now, David Crighton, who set the ball rolling."

"One of the eureka moments was actually writing down this chameleon theory, and suddemly realising that it worked like this: we have this screening around the fifth force when matter is dense.

Suddenly realising that on the piece of paper you've got there's the correct idea and thinking 'Wow, that's incredible!'"

