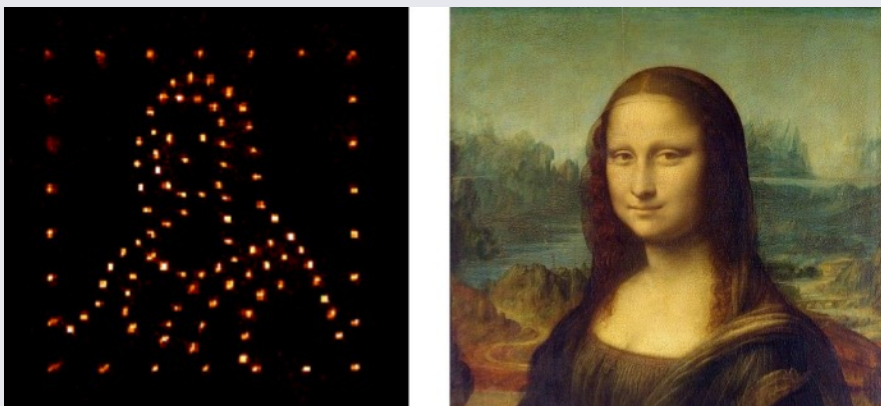


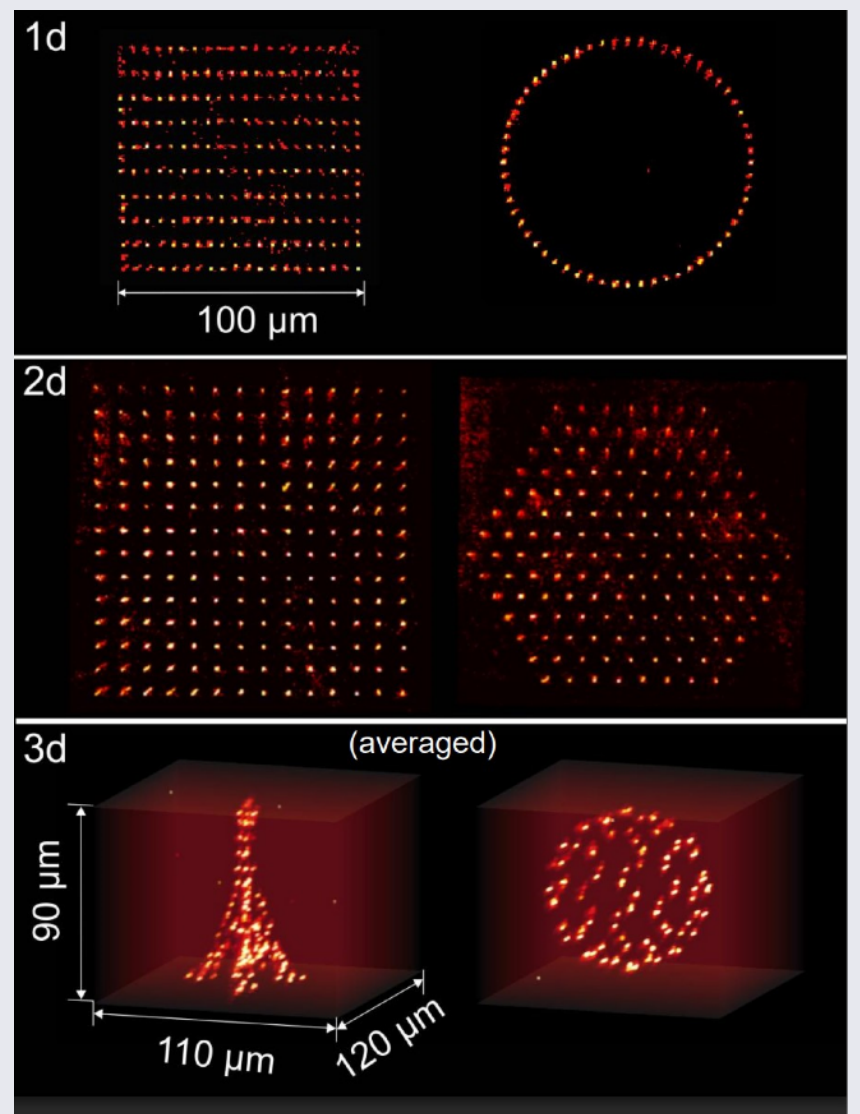


🕒 1:30pm - 2:30pm 📍 Amphi Biologie - bâtiment F (EMA site)

Using arrays of single Rydberg atoms to explore quantum magnetism



In this talk, I will give an overview of how we can explore experimentally the physics of quantum magnets, in and out of equilibrium, with arrays of single atoms trapped in optical tweezers arranged in almost arbitrary geometries, and made to interact by promoting them to highly-excited Rydberg states. I'll introduce the basics experimental tools at play, and give a few recent examples of the quantum many-body systems we explore using them.



📅 Upcoming GREMAN seminars:

Tuesday 28 April 11am - Aya BENJIRA
Journal Club (SDM site)

Tuesday 12 May 11am - to be defined
Journal Club

Thursday 28 May 1:30pm - Juliette MANGENEY
Seminar (EMA site)