

The testimony of Philippe Grangier

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“In my opinion, the great merit of Alain Aspect is not only to have thought up and performed his famous experiment, but also, thanks to his rigorous scientific approach and exemplary teaching talent, to have enabled the emergence of the notion of “quantum non-separability”, which we now call “entanglement”. Entanglement has thus gone from being the controversial and even “dangerous” subject that it was 30 years ago, to being a basic concept taught in courses on quantum mechanics, and one which plays a fundamental role in the extremely fast-moving field of quantum information.”