

We would like to invite the community of researchers in physics interested in theoretical quantum information problems to join us in a novel experience of scientific collaboration.

We aim at creating a discussion group on one or more **precise** topic(s) on quantum information related to physics. The final goal is **to reach, collectively, publishable results**.

For such, we call interested people to gather periodically (typically once a month) in one (changeable) Paris/Ile de France research labs/institutions to contribute, in a first moment, to identify the common problems, and then contributing to their solutions. Everyone is invited to come to the first meetings with a few questions, as precise as possible, on some topic related to quantum information, entanglement, non-locality, etc...we'll try to make these questions at least as clear as possible so as to identify candidates to problems to be studied. We will then proceed on collectively make advances and get results on the selected topics, to eventually converge to a publication.

The sessions will be chaired and organized by Perola Milman, Thomas Coudreau and Frédéric Grosshans. The first one will take place by end January. Those interested in joining us are asked to reply to perola.milman@u-psud.fr imperatively **before Jan. 10th 2012** so that we can have an idea of the size of the room to reserve.

Hoping to see and collaborate with you soon,

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