Geometrical aspects of deformation quantization

Pierre Bieliavsky*

Université Catholique de Louvain
E-mail: pierre.bieliavsky@gmail.com

This talk will be an introduction to deformation quantization based on geometrical considerations. I will show how the notion of \( \ast \)-product emerges from a formula for the multiplication of matrices. I will then give a definition of deformation quantization in the context of Poisson manifolds and conclude by general results about this notion. The talk is meant to a general audience.

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*Speaker.