ÉCOLE POLYTECHNIQUE
FÉDÉRALE DE LAUSANNE

Prof. Marco Picasso
Institute of Mathematics – GR-PI

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SEMINAR OF NUMERICAL ANALYSIS

➢ **TUESDAY 19 DECEMBER 2017 - ROOM GR A3 32 - 16:15**

Prof. Clément Hongler (EPFL SB MATH CSFT)
will present a seminar entitled:

« Quantum computing for amateurs (by an amateur)»

Abstract:

I'll discuss the basics of quantum computing, how Shor's algorithm allows a quantum computer to factor numbers efficiently using the quantum Fourier transform. I'll try to convey as much intuition as possible, to explain the relevant basics of quantum mechanics, and to give an idea of the capabilities of quantum computers.

Lausanne, 16 November 2017/MP/cc

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