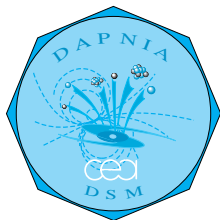


# Service de Physique Nucléaire



## Séminaire

le vendredi 7 décembre 2007 à 11H

CEA Saclay, Orme des Merisiers, Bât. 703, Salle 135

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### Regular and chaotic classic and quantum dynamics in multi-well potentials

Prof. Yu. L. Bolotin

(NSC-KIPT, Kharkov, Ukraine)

This domain of classic dynamics and quantum chaos is poorly known. Up to now the majority of theoretical and numerical works have been focused on the behavior of the so-called billiards or Hamiltonian systems with the simplest topology of the potential energy surface. However it is not enough for the understanding of the real many-body systems with the complicated potentials. That is the reason why this activity should be considered as one of the indispensable steps for the transition from model systems to the direct consideration of much more realistic systems.

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*Le café sera servi 10 minutes avant*

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