

Seminarium Zakładu Fizyki Teoretycznej

Departament Badań Podstawowych
Narodowego Centrum Badań Jądrowych

7 listopada 2018 r. (środa), godz.12:15
pawilon NCBJ, sala 22, Hoża 69

Prof. Jean-Pierre Gazeau

APC, Univ Paris Diderot, Sorbonne Paris Cité

"COHERENT STATES IN QUANTUM OPTICS: AN ORIENTED OVERVIEW"

ABSTRACT:

In this survey, various generalisations of Glauber-Sudarshan coherent states are described in a unified way, with their statistical properties and their possible role in non-standard quantisations of the classical electromagnetic field. Some statistical photon-counting aspects of Perelomov $SU(2)$ and $SU(1,1)$ coherent states are emphasized.

Serdecznie zapraszamy,

M. Kowal, W. Piechocki, J. Skalski, L. Szymanowski