



ΓΕΝΙΚΟ ΣΕΜΙΝΑΡΙΟ ΤΜΗΜΑΤΟΣ ΦΥΣΙΚΗΣ

# *PHYSICS COLLOQUIUM*

Thursday, 2 October 2008

17:00-18:00

3<sup>rd</sup> Floor Seminar Room

*"Molecular continuum states: present and future perspectives"*

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## Abstract

In this talk I shall review work done in Trieste on molecular continuum states probed by single photon ionization, discussing strengths and limitations of the computational model employed. Examples of angular distributions from chiral systems, oriented molecules and nondipolar field contributions will be presented. Developments towards the description of strong field ionization as well as improved treatment of the many body problem will be discussed.