



University of Crete
Department of Physics



FORTH
INSTITUTE OF ASTROPHYSICS



Joint Physics & IA/FORTH Colloquium

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Formation and evolution of structures in disc galaxies

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ABSTRACT

Galactic discs are the major components of spiral and S0 galaxies. They harbour a number of substructures, such as spirals, bars, rings, boxy/peanut bulges, discy bulges etc, which not only look spectacular, but also, if adequately analysed, can reveal crucial information about the galaxy itself. Relying heavily on numerical simulations, I will review and discuss some of these structures, and what they can reveal about the general problem of galaxy evolution.

ZOOM Link: <https://ia-forth-gr.zoom.us/j/82751913939?pwd=bUp3SUFFNjZ2RFZJUHI FUU9hckxnZz09>