

“Spirals and Bars in galaxies”

A 1-day workshop organized by the

Research Center for Astronomy & Applied Mathematics,
of the Academy of Athens

Friday, **14 October 2022**,

Central building of the Academy of Athens

P. A. Patsis	Welcome – Introduction to the workshop	9:30
G. Contopoulos: Academy of Athens	The spiral arms of galaxies	9:45
K. Saha: Inter-University Centre for Astronomy and Astrophysics, Pune, India	Revisiting spiral structures in galaxies	10:30
L. Athanassoula: Laboratoire d’Astrophysique de Marseille (LAM), Marseille, France	Understanding the Formation and Evolution of Bars using Simulations	11:30
C. Efthymiopoulos: Department of Mathematics, University of Padova, Italy	Manifolds and spirals under multiple pattern speeds	12:30
Lunch break		
P. Grosbol: European Southern Observatory (ESO), Munich, Germany	Interaction between spirals and bars in disk galaxies	15:00
M. Harsoula: RCAAM, Academy of Athens	The building blocks of the spiral arms in galaxies	16:00
T. Naab: Max-Planck Institut fuer Astrophysik, (MPA), Munich, Germany	The formation of galactic star cluster populations	17:00
P.A. Patsis: RCAAM, Academy of Athens	Open questions about the association of observed structures and orbits in galactic disks	18:00