



ORTVAY KOLLOKVIUM // Ortway Seminar Series

2017. május 25. csütörtök 15:00-kor
25th May 2017., Thursday 3pm

Szalay Sándor (The Johns Hopkins University, az ELTE tiszteletbeli doktora és professzora)

The New Astronomy - The Era of Surveys /Marx Memorial Lecture/

Abstract:

The talk will present an overview how astronomy has changed over the last few decades. Observations make increased use of large-scale surveys, in almost every wavelength of the optical spectrum. Large areas of the sky are covered, and the joint analysis of these multi-wavelength observations are becoming the norm. The wealth of Big Data has also changed the precision of theoretical calculations, and now cosmological theory and observation are within a few percent - we are in the era of precision cosmology. Even particle physics is now highly constrained by astronomy, e.g. the best limits on the neutrino mass are coming from cosmological observations of large scale structure. This New Astronomy requires a new set of skills, scientists must be equally at home in theory, observational techniques, statistics and data analysis skills.

Minden érdeklődőt szívesen látunk! Az előadás előtt negyed órával az előadóban teát szolgálunk fel.

All visitors are welcome. Tea and biscuits are served 15 min prior the lectures at the location.

Helyszín: ELTE Pázmány Péter s. 1/A alatti épületében a földszinti 0.81 (Ortvay) terem.

Location Lágymányos Eötvös Campus (address: Pázmány Péter s. 1/A), Northern Building, Room Ortway (0.81).

Az előadás-sorozatról az interneten az "ortvay-koll.elte.hu" címen található információ.

Further information available at the "ortvay-koll.elte.hu" website.