



T.C.
İSTANBUL TEKNİK ÜNİVERSİTESİ
FEN EDEBİYAT FAKÜLTESİ
FİZİK MÜHENDİSLİĞİ BÖLÜMÜ
MASLAK 34469 İSTANBUL

İTÜ Fizik Mühendisliği Bölümü Bölüm Seminerleri

Konuşmacı : Prof. Dr. Sohrab Rahvar
Konuşma Başlığı : Discovery of Exoplanets and Habitable Universe

Konuşma Özeti

I will briefly review the Astrobiology and history of exoplanets observations in the last decade with introducing the observational methods.

Then the habitability of planets, galaxies and finally the whole universe will be discussed. Finally, I will discuss the effect of the initial condition of the universe on the habitability of the universe. Here, I will emphasize the initial condition from the point of view of the inflationary cosmology as well as the baryonic asymmetry of the universe.

Kaynak

- 1- Rahvar, S. Cosmic initial conditions for a habitable universe, 2017, MNRAS, 470, 3095 (arXiv:1608.00967)
- 2- Weinberg S., 1987, Phys. Rev. Lett., 59, 2607
- 3- Tegmark M., Aguirre A., Rees M. J., Wilczek F., 2006, Phys. Rev D, 73, 023505

Kısa özgeçmiş

- B.Sc. degree from the University of Tabriz in 1995, M.Sc. from the Sharif University of Technology in 1996 and PhD from the Sharif University of Technology in 2000,
- Postdoc and visiting researcher 2000-2001, University of Paris-Sud, France
- Assistant Prof. at the Sharif University of Technology.
- Associate member of ICTP from 2001-2010
- Sabbatical and visiting scientist: 2011-2013. Perimeter Institute for theoretical physics in Ontario-Canada
- Professor of Astrophysics and cosmology: 2011
- Chairman of Physics department of Sharif University of Technology since 2015
- Editorial Board of Iranian Journal of Physics and Research

Yer İTÜ Fizik Mühendisliği Bölümü Seminer Salonu(FEB L1 Z__)
Zaman 2 Kasım 2018 Cuma
15.00 (14.45 Çay - Kahve İkram servisi)