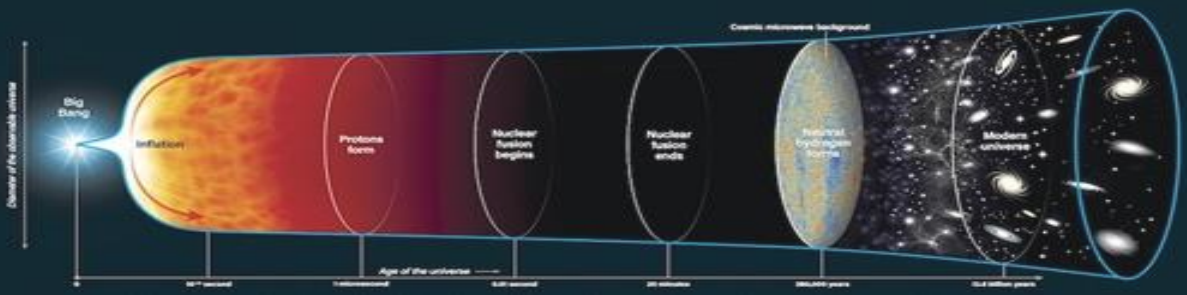
JOINT ASTRONOMY & PARTICLE PHYSICS COLLOQUIUM

پژوهشگاه دانش‌های بنیادی (مرکز تحقیقات فیزیک نظری و ریاضیات)
IPM
INSTITUTE FOR RESEARCH IN FUNDAMENTAL SCIENCES



INFLATIONARY COSMOLOGY

Speaker: **Prof. Hassan Firouzjahi**

School of Astronomy, Institute for Research in Fundamental Sciences (IPM), Tehran, Iran

Abstract: Inflation is the leading paradigm for the dynamics of the early Universe and for the generation of large scale structures in the cosmos.
In this talk, we review early universe cosmology and inflationary model buildings and their connections to cosmological observations. We also briefly review our recent works on quantum loop corrections in the primordial power spectrum.

Held in hybrid format

Date: Wednesday, Dec 17, 2025 (Azar 26, 1404)
Time: 12:30pm – 1:30pm
Location: Seminar Room School of Particles and Accelerators, IPM, Larak Building, Tehran

More Information

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https://indico.hep.ipm.ir/e/H.Firouzjahi

Link to join virtually: https://www.skyroom.online/ch/ipm-particles/special-seminar