

Tehran meeting on Modified Gravity
23 - 26 January 2016
School of Astronomy, Institute for Research in Fundamental Sciences (IPM)

SCIENTIFIC PROGRAM

	9:00 - 10:30		11:00 - 12:30		13:30 - 15:00		15:30 - 17:00	17:00 - 18:30	
Saturday	Registration	Break	Mota (I)	Lunch	Sheikh-Jabbari	Break	Durrer (I)	Contributed talks	
Sunday	Amendola (I)		Durrer (II)		von Strauss (I)		Mota (II)		
Monday	Kunz (I & II)		Koivisto (I)		von Strauss (II)		Mörtzell	Discussion (Theory)	
Tuesday	Amendola (II)		Koivisto (II)		Kunz (III)		Discussion (Observation)		

Amendola (I): Scalar-tensor theories of gravity (Horndeski and beyond)

Amendola (II): MG observables and tests of gravity / EFT approach to DE and MG

Durrer (I): CMB for MG / LSS (review)

Durrer (II): LSS observations for MG

Koivisto (I): Non-local and higher order theories of gravity

Koivisto (II): Vector-tensor theories of gravity / Other alternative theories

Kunz (I): Phenomenological approach to DE and MG

Kunz (II): N-body simulations

Kunz (III): Current and future surveys / Forecasts

Mota (I): Open questions in cosmology / Non-linear probes of MG

Mota (II): Screening mechanisms

Mörtzell: Vainshtein mechanism in bimetric gravity

Sheikh-Jabbari: The cosmological constant problem

von Strauss (I & II): Massive and multi-metric gravity