

# “All things EFT...” international seminar series (for mailing list subscription)

Wednesday, 30 September 2020 – Wednesday, 30 December 2020

## Scientific Programme

The next seminar is on June 3rd, given by Jiang-Hao Yu (ITP-CAS, Beijing):

<https://inspirehep.net/institutions/903895>

Further speakers are listed on the web site and will also be posted on

[https://inspirehep.net/seminars?sort=dateasc&size=25&page=1&start\\_date=upcoming&q=all%20things%20eft](https://inspirehep.net/seminars?sort=dateasc&size=25&page=1&start_date=upcoming&q=all%20things%20eft)

Past seminars:

Iain W. Stewart: Intro to Soft Collinear Effective Theory with a Review of Recent Results

Slides, Video, youtube

Eric Braaten: Nonrelativistic Unparticles

Slides, Video, youtube

Astrid Eichhorn: The Asymptotic Safety Paradigm for Gravity and Matter

Slides, Video, youtube

Rachel A. Rosen: de Sitter Oddities

Slides, Video, youtube

Cumrun Vafa: The String Landscape and the Swampland

Slides, Video, youtube

Dam Thanh Son: Unnuclear physics

Slides, Video, youtube

Hong Liu: The reasonable and unreasonable effectiveness of hydrodynamics in exotic

quantum matter

Slides, Video, youtube

Sally Dawson: SMEFT Practicalities

Slides, Video, youtube

Zhengkang Zhang: Functional prescription for STReAMlined EFT matching

Slides, Video, youtube

John Donoghue: Non-local actions in EFT - Adventures in non-locality and non-linearity

Slides, Video, youtube

Emily Nardoni: The RG Improved Effective Potential from EFT

Slides, Video, youtube

Alberto Nicolis: A Technical Analog of the Cosmological Constant Problem: Vacuum Energy  
in Framids

Slides, Video, youtube

Sung Sik Lee: Effective field theories of strange metals

Slides, Video, youtube

Stefania Gori: Probing axion like particle effective couplings at Kaon experiments

Slides, Video, youtube

Ian Low: An On-shell Formulation of Chiral Perturbation Theory

Slides, Video, youtube

Kathryn M. Zurek: EFT of dark matter scattering with collective excitations

Slides, Video, youtube

Hitoshi Murayama: Classification of Effective Operators

Slides, Video, youtube

Nima Arkani-Hamed: UV/IR and Effective Field Theory

Slides, Video, youtube

Nora Brambilla: Effective field theories for nonrelativistic bound states

Slides, Video, youtube

Francesco Riva: Positive Moments for Scattering Amplitudes

Slides, Video: IHEPBox, youtube

Walter D. Goldberger: Effective Field Theory for Black Hole Horizons

Slides, Video: IHEPBox, youtube

Xiangdong Ji: Large momentum effective field theory for non-perturbative parton structure

Slides, Video: IHEPBox, youtube

Roberto Emparan: Effective Theories of Black Hole Dynamics

Slides, Video: IHEPBox, youtube

Yael Shadmi: Electroweak EFTs the On-Shell Way

Slides, Video: IHEPBox, youtube

Arsenii V. Titov: Effective Field Theory of the Standard Model Extended with Right-Handed Neutrinos

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Timothy Cohen: Soft de Sitter Effective Theory

Slides, Video: IHEPBox, youtube

Claudia de Rham: Causality in Effective Field Theories

Slides, Video: IHEPBox, youtube

Xiaochuan Lu: What is HEFT

Slides, Video: IHEPBox, youtube

LianTao Wang: Sum Rules in SMEFT from Helicity Amplitudes

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Henriette Elvang: Effective Field Theories from Amplitudes

Slides, Video: IHEPBox, youtube

Matthias Neubert: Factorization at Subleading Power and Endpoint Divergences in SCET

Slides, Video: IHEPBox, youtube

Aneesh Manohar: Development of Modern Effective Field Theories

Slides, Video: IHEPBox, youtube

Steven Weinberg: Inaugural Lecture: On the development of Effective Field Theory"

IHEPBox, youtube