



Physics Without Frontiers Sudan: Expanding Physics Horizons in Sudan, Leveraging Online Seminars for Growth

Seminar Program Schedule

ICON	DATE	TIME	TOPIC	TITLE	SPEAKER	AFFILIATION
⋄	June 2 (Monday)	11:00 AM	Environmental Science	Fundamentals of Global Environmental Change and Related Physical Processes	Prof. Adil Haseeb	Univ. of Khar toum, Sudan
⋄	June 9 (Monday)	11:00 AM	Environmental Science	Climate Change: Scientific Evidence, Risks, and Mitigation Opportunities	Prof. Filippo Giorgi	ICTP, Italy
	June 9 (Monday)	3:00 PM	Experimental Physics	Experimental Techniques: Focus on Contactless Impedance Spectroscopy	Dr. M. Al Sheikh Hamad	Taibah Univ., Saudi Arabia
	June 12 (Thursday)	11:00 AM	Experimental Physics	Ambient/Near-ambient X-ray Photoemission for Advanced Catalysts	Dr. Frederik Schiller	CSIC, Spain
⊙ an	June 16 (Monday)	11:00 AM	Theoretical Physics	Reformulations of Electromagnetism: Maxwell to Curved Spacetime	Prof. Arbab I. Arbab	Qassim Univ., Saudi Arabia
- 11)	June 19 (Thursday)	11:00 AM	Theoretical Physics	The Standard Model: Higgs Boson	Prof. Jonathan Ellis	King's College London, UK
%)	June 25 (Wednesday)	11:00 AM	Condensed Matter Physics	Short introduction to computational materials science and DFT	Dr. <u>Natasa Stojic</u>	ICTP, Italy
Ź	June 26 (Thursday)	11:00 AM	Condensed Matter Physics	A Journey to the Center of the Earth with Deep-Learning Simulations	Prof. Sandro Scandolo	ICTP, Italy
k	June 30 (Monday)	11:00 AM	Astronomy	Exploring the Cosmic Symphony: From Photons to Ripples of Spacetime	Dr. Hassan Abdallah	Complutense Univ., Spain
	July 2 (Wednesday)	11:00 AM	Cosmology	From the birth of modern cosmology to the mystery of dark energy	Dr. Emiliano Sefusatti	INAF & SISSA, Italy
	July 7 (Monday)	2:00 PM	Cosmology	Key Concepts in Cosmology	Dr. Sultan Hassan	NYU, USA
K	July 14 (Monday)	11:00 AM	Astronomy	X-ray, Gamma-ray, Radio Astronomy or Star Formation	Dr. Omima Osman	Univ. of Khar toum, Sudan

Fields like Title, Speaker, and Affiliation are editable. Click on the text to modify.