Chakrit Pongkitivanichkul

Born: 24 January 1988
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Jobs and Education history

Lecturer at Department of Physics, Faculty of Science, Khon Kaen University, Thailand (2017-present)

Postdoctoral researcher at the Center for Future High Energy Physics, Institute of High Energy Physics, Chinese Academy of Sciences, Beijing, China (2016 - 2017)

Ph.D. in Theoretical Physics, King's College London, UK, 2016.

Diploma in High Energy Physics, The Abdus Salam International Centre for Theoretical Physics (ICTP), Italy, 2011.

BSc in Physics, Mahidol University, Thailand, 2009.

Research Interests

Particle Physics Phenomenology, String Phenomenology and Cosmology, Supersymmetry Phenomenology, Collider Physics.

Conference Talks and Workshops

6th Bangkok Workshop on High-Energy Theory 2017 (Bangkok, Thailand); The 43$^{\text{rd}}$ Congress of Science and Technology of Thailand (Bangkok, Thailand); Particle physics, String theory and Cosmology 2015 (PASCOS, Trieste, Italy); New connections between Experiment and Theory (NExT) PhD Workshop 2015 (Abingdon, UK); Annual Theory Meeting 2014 (Durham, UK); String Phenomenology 2014 (Trieste, Italy); The Monte Carlo School 2014 (Carlisle, UK); The Young Experimentalists and Theorists Institute workshop on Nu Flavours 2014 (Durham, UK); 21st International Conference on Supersymmetry and Unification of Fundamental Interactions (Trieste, Italy)

Publication List

1. B. Acharya, K. Bozek, **C. Pongkitivanichkul** and K. Sakurai; "Prospects for observing charginos and neutralinos at a 100 TeV proton-proton collider"; JHEP 1502 (2015) 181, [hep-ph/1410.1532]
2. B. Acharya, K. Bozek, M.C. Ramao, S.F. King and **C. Pongkitivanichkul**; "$SO(10)$ Grand Unification in M theory on a G_2 manifold"; Phys.Rev. D92 (2015) 055011, [hep-ph/1502.01727]
3. B. Acharya and **C. Pongkitivanichkul**; "Axiverse-induced Dark Radiation Problem"; JHEP 1604 (2016) 009, [hep-ph/1512.07907]
4. B. Acharya, K. Bozek, M.C. Ramao, S.F. King and **C. Pongkitivanichkul**; "Neutrino mass from M Theory SO(10)"; JHEP 1611 (2016) 173, [hep-ph/1607.06741]
5. M.J. Stott, D.J.E. Marsh, **C. Pongkitivanichkul**, L.C. Price, B.S. Acharya; "Spectrum of the axion dark sector"; Phys.Rev. D96 (2017) 083510, [hep-ph/1706.03236]
6. **C. Pongkitivanichkul**, N. Thongyoi and P. Uttayarat; "Inverse Seesaw and Portal Dark Matter"; Phys.Rev.D100, no.3, 035034 (2019) [hep-ph/1905.13224]
7. **C. Pongkitivanichkul**, D. Samart, N. Thongyoi and N. Lunrasri; "A Kaluza-Klein Inspired Brans-Dicke Gravity with Dark Matter and Dark Energy Model," [gr-qc/2005.08791]