

Chonticha Kritpetch



Contact

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Languages

Thai – Native
English – B2

Current Position

Lecturer

Education

- Doctor of philosophy in **Theoretical Physics** - 2020
The Institute for Fundamental Study
Naresuan University, Phitsanulok, Thailand
- Higher Graduate Diploma in **Quantum Field, Gravitation, and Cosmology** – 2014
The Institute for Fundamental Study
Naresuan University, Phitsanulok, Thailand
- Master of Science in **Nuclear Technology** – 2006
Faculty of Engineering
Chulalongkorn University, Thailand
- Bachelor of Science in **Physics** – 2000
Faculty of Science
Naresuan University, Thailand

Research Interests

- Inflation
- NMC and NMDC to gravity
- Holographic Cosmology
- Radiation Safety
- Physics of Firearms

Certifications

Radiation safety officer (High level for sealed and unsealed sources) 2010- now

Publications

1. Kritpetch, C., Muhammad, C., & Gumjudpai, B. (2020). Holographic dark energy with non-minimal derivative coupling to gravity effects. *Physics of Dark Universe*, 100712.
2. Kritpetch, C., Sanongkhun, J., Vanichchamongjaroen, P., & Gumjudpai, B. (2020). Nonlinear Schrodinger-type formulation of scalar field cosmology: Two barotropic fluids and exact solutions. *Modern Physics Letter A*, 2050157.