

# Suphakorn Chunlen



## Workplace

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School of Science,  
University of Phayao

**Address:**

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+66 (0)8 6179 6687

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## Languages

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Thai – Native

English – C1

## Current Position

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Lecturer

## Work Experience

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Lecturer at Department of Physics, School of Science, University of Phayao, 2016 - Present

## Education

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Doctor of Philosophy: **Mathematical Sciences (Theoretical Physics)** - 2014

**Durham University**, United Kingdom

Bachelor of Science: **Physics** - 2008

**Chulalongkorn University**, Thailand

## Specialization

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- Theoretical Physics: Gauge/gravity Duality, Holographic Dark Energy
- Computer Software: Mathematica, x86/x64 Assembly and C Programming, Latex

## Publication

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1. **S. Chunlen**, K. Peeters and M. Zamaklar, "Finite-size effects for jet quenching," [arXiv:1012.4677 [hep-th]].
2. **S. Chunlen**, K. Peeters, P. Vanichchajongjaroen and M. Zamaklar, "Instability of  $N=2$  gauge theory in compact space with an isospin chemical potential," JHEP 01 (2013), 035 doi:10.1007/JHEP01(2013)035 [arXiv:1210.6188 [hep-th]].
3. **S. Chunlen**, K. Peeters, P. Vanichchajongjaroen and M. Zamaklar, "Signals of a new phase in  $N = 2$  gauge theory with a magnetic field on the three-sphere," JHEP 09 (2014), 058 doi:10.1007/JHEP09(2014)058 [arXiv:1405.1996 [hep-th]].
4. **S. Chunlen** and P. Rangdee, "Exploring the Rényi Holographic Dark Energy Model with the Future and the Particle Horizons as the Infrared Cut-off," Phayao Research Conference 10 (2021), 2413-2423 [arXiv:2008.13730 [gr-qc]].