

## CURRICULUM VITAE

**NAME:** Anut Sangka **GENDER:** Male **NATIONALITY:** Thai

**DATE OF BIRTH:** September 23, 1990



### EDUCATIONS:

- B. Sc. Department of Physics, Ubon Ratchathani University, Thailand, 2013.
- M. Sc. School of Physics, Institute of Science, Suranaree University of Technology, Thailand, 2013 – 2016.
- PhD student at Institute of Cosmology and Gravitation, University of Portsmouth, United Kingdom, February 2019 – present

### EXPERIENCES:

National Astronomical Research Institute of Thailand (NARIT) 2016 – 2018 (Research Assistant)

### EDUCATION ACTIVITIES:

- Teaching Assistant at Ubon Ratchatani University on Computer Interfacing.
- Teaching Assistant at Suranaree University (Clinic Physics )

### SCIENTIFIC PROJECT at NARIT:

- CMB: Anisotropy - Design and optimisation of JUNO (Jiangmen Underground Neutrino Observatory) Earth Magnetic Shielding Systems:

**PUBLICATIONS:**

Sangka, A., Sawangwit, U. & Sanaunsak, N. 2015, Publication of Korean Astronomical Society, 30, 397-399, Voids Lensing of the CMB at High Resolution (chapters 4)

Sangka, A., Sawangwit, U. Sanuansak, N & Chantavat, T. Suranaree Journal of Science and Technology, HSW as The Origin of Cold Spot, 2017

**SKILLS:**

- Computational Physics by using C/C++, Python language.
- Familiar with Linux & Unix computer operating systems.
- High Performance Computing
- Microcontroller

**INTERESTS:**

- Cosmology, Large Scale Structure
- Data Intensive Astronomy
- SKA project
- Fundamental Physics
- Parallel Programming
- Objected Oriented Programming
- Statistical Physics
- EUCLID mission