

Suphansa Chansuriya



Contact

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Current Position

Physics Scientist

Skill Highlights

- ☐ Radiation Physics
- ☐ Radiation Protection
- ☐ Nuclear Physics

Experience

- ❖ 2020-present Physics Scientist, University of Phayao, Phayao.
- ❖ 2018-2020 Medical Physics, Phayao University Hospital, Phayao.
- ❖ 2012-2018 Physics Scientist, University of Phayao, Phayao.
- ❖ 2010-2012 Medical Physics, Buddhachinaraj Hospital, Phitsanulok.

Education

- 2007** **M.Sc in Medical Physics**
Chiang Mai University, Chiang Mai, Thailand
- 2003** **Bs. Sc. in Radiological Technology**
Naresuan University, Phitsanulok, Thailand

Certification

Radiation Safety Officer Advanced Level RSO: (Radioactive Sources and Radiation Generators) 2017-now.

Research

- 2014** R2R in Physics Laboratory: Development of physics experiment in title Lorentz force.
- 2014** R2R in Physics Laboratory: Development of physics experiment in title radioactive decay
- 2015** R2R in Physics Laboratory: The radiation monitoring station management in Phayao.
- 2016** R2R in Physics Laboratory: Management of radioactive materials and radiation level for experimental in physics course.
- 2021** Poster presentation, (Proceeding): Measurement radiation dose and protection of scattering radiation from portable x-ray photography to patient and medical personnel in the University of Phayao Hospital. 12th National Science Research Conference, May 6-7, Naresuan University, Phitsanulok, Thailand.

Research

- 2022** Poster presentation, (Abstract): Measurement and analysis of sound frequencies in beehive with smart electronic sensor systems for health status monitoring and specific behavioral study from native bees (*Apis cerana Fabricius, 1758*) for non-migratory beekeeping in the safe agricultural area. 17th Siam Physics Congress (SPC2022), June 22-24, Khao Yai Convention Center, Nakhon Ratchasima, Thailand.
- 2023** Poster presentation, (Abstract): Analysis of particle size and zeta potential of solid surfaces Au:Pd Zn nanostructured thick films. 18th Siam Physics Congress (SPC2023), June 14-16, Empress Convention Centre, Chiang Mai, Thailand.

Publications

- 2011** **Comparison of Whole Brain Irradiation 20 Gy Versus 30 Gy for The Treatment of Brain Metastases.**
Chawalit Lakdee, [Suphansa Chansuriya](#), Sombat Boonkhwang, Aree Polsrisutthikul, Yupin Junin.
Journal of Thai Society of Therapeutic Radiology and Oncology, Vol. 17 No.1, 25-33.
- 2012** **A Computer Program for Co-60 Treatment Time Calculation using Microsoft Excel.**
[Suphansa Chansuriya](#), Sombat Boonkhwang, Jiraporn Khamhang, Yupin Junin, Niyom Hongsith;
Buddhachinaraj Medical Journal, Vol. 29 No.3, 366-372.
- 2017** **Measurement of Ambient Gamma Dose rate in air in Phayao Province.**
[Suphansa Chansuriya](#), Prannicha Hongpitakpong, Maitree Sriya.
KKU Science Journal, Vol. 45 No.1, 183-192.
- 2023** **Investigating of Transition State on the Pd-Au Decorated ZnO Nanoparticle Layers for Gas Sensor Application.**
Hongsith, Niyom, [Suphansa Chansuriya](#), Saksa Koenrobket, Somrit Unai, Wongrat, Ekasiddh, Anurak Prasatkhetragarn. Heliyon, 9 e19402.