

Burin Gumjudpai's Scientific Talks/Lectures

Conferences/Meetings

Plenary/Invited Talks

1. **Burin Gumjudpai** (TPTP, Naresuan U.)
“Lecture on Cosmology” (in English)
Invited Lecture *The 1st CERN School Thailand* (11 Oct. 2010)
organized by Chulalongkorn University and CERN at Chulalongkorn University, Thailand
2. **Burin Gumjudpai** (TPTP, Naresuan U.)
“Dark Energy-Single Scalar Field in NLS formulation” (in English)
Plenary Talk (tape) *The 6th Naresuan Research Conference (NRC 6th)* (30 July 2010)
organized by Naresuan University, Thailand
3. **Burin Gumjudpai** (TPTP, Naresuan U. & DAMTP, U. Cambridge)
“Canonical scalar field cosmology in non-linear Schrodinger type formulation” (in Thai)
Invited Talk Session D: (Physics) Astrophysics, Cosmology & Electromagnetics
The 34th Congress on Science and Technology of Thailand (STT 34th) (1 November 2008) Chair: Prof. Suthat Yoksan
organized by the Science Society of Thailand & King Mongkut's Institute of Technology Ladkrabang
4. **Burin Gumjudpai** (TPTP, Naresuan U. & DAMTP, U. Cambridge) “Dark energy and acceleration of the universe” (in Thai)
Invited Lecture Session: Thailand Outstanding Young Scientists
The 34th Congress on Science and Technology of Thailand (STT 34th) (31 October 2008) Chair: Prof. Apichat Suksamram
organized by the Science Society of Thailand & King Mongkut's Institute of Technology Ladkrabang
5. **Burin Gumjudpai** (TPTP, Naresuan U.) “Coupled phantom field in loop quantum cosmology” (in English)
Invited Talk Session D3, *The SIAM Physics Congress 2007 and the Thai National Astronomy Meetings* (22-24 March 2007)
organized by the Thai Physics Society, National Astronomical Research Institute of Thailand & Chulalongkorn University at Rose Garden Riverside Hotel, Nakhon Prathom, Thailand
6. **Burin Gumjudpai** (TPTP, Naresuan U.) “Modern cosmology research in Thailand” (in Thai)
Plenary Talk Session E, *The 1st National Symposium on Physics Graduate Research* (29 June 2006-1 July 2006) organized by the Thai Physics Society, National Synchrotron Research Center & Suranaree University of Technology at Chulabhorn Dam, Chaiyaphum, Thailand

Contributed Talks

International

1. **Burin Gumjudpai** (TPTP, Naresuan U.) “Phantom field dynamics in loop quantum cosmology” (in English)
The Forth Aegean School on Black Holes (17-22 Sept. 2007) organized by National Technical University of Athens and University of Tennessee (USA) at Mytilini, Island of Lesbos, Greece

National

1. **Burin Gumjudpai** (TPTP, Naresuan U.) “Phantom field dynamics in loop quantum cosmology” (in Thai)
The 3rd Naresuan Research Conference (29 July 2007) organized by Naresuan University, Phitsanulok, Thailand
2. **Burin Gumjudpai** (TPTP, Naresuan U.) “Scaling solutions for the expansion of the universe” (in Thai)
The 17th Conference on Science and Mathematics in School (21 Jan. 2007) organized by Phetchabun Rajabhat University, Phetchabun, Thailand

3. **Burin Gumjudpai** (TPTP, Naresuan U.) “Dynamics of coupled dark energy” (in English)
The Annual TRF Research Conference: New Researcher Meets Senior Research Scholars (13-15 Oct. 2006) organized by The Thailand Research Fund at the Regent Cha-um Hotel, Phetburi, Thailand

External Invited Seminars and Invited Lectures

Seminars

1. **Burin Gumjudpai** (TPTP, Naresuan U.)
“Cosmology Research in Thailand” (in Thai)
Seminar at Department of Physics, *Chiang Mai University*, Thailand (3 Aug 2009)
2. **Burin Gumjudpai** (TPTP, Naresuan U. & DAMTP, U. Cambridge)
“Canonical scalar field cosmology in non-linear Schrödinger type formulation” (in English)
Invited Seminar at Cosmology Seminar, Astronomy Centre: *University of Sussex*, U.K. (9 Dec 2008) [[seminar overseas](#)]
3. **Burin Gumjudpai** (TPTP, Naresuan U. & DAMTP, U. Cambridge)
“Dark energy and acceleration of the universe” (in Thai)
at Department of Physics, *Ubon Ratchathani University*, Ubon Ratchathani, Thailand (13 Nov. 2008)
4. **Burin Gumjudpai** (TPTP, Naresuan U. & DAMTP, U. Cambridge)
“Scalar field cosmology with NLS formulation” (in English)
Invited Seminar at Cosmology Lunch: the joint DAMTP-IoA-Cavendish Lab. Seminar, at Potter Room, Pavilion B, DAMTP, Centre for Mathematical Sciences, *University of Cambridge*, U.K. (9 June 2008) [[seminar overseas](#)]
(*The seminar is honoured by participation of Prof. Stephen W. Hawking and Prof. Anne C. Davis*)
5. **Burin Gumjudpai** (TPTP, Naresuan U.) “Dark energy scaling solution with exponential potential” (in English)
Invited Seminar at Department of Physics, *Mahidol University*, Bangkok, Thailand (13 Feb. 2007)
6. **Burin Gumjudpai** (TPTP, Naresuan U.) “Quintessence field dark energy” (in Thai)
Invited Seminar at Department of Physics, *Chiang Mai University*, Chiang Mai, Thailand (6 Sept. 2006)

Lectures

1. **Burin Gumjudpai** (TPTP, Naresuan U.)
“Geography of Physics” (in Thai)
at Physics Program, *Pibulsongkram Rajabhat University*, Phitsanulok, Thailand (7 July 2010)
2. **Burin Gumjudpai** (TPTP, Naresuan U.) “Cosmological physics and current research trends” (5 lectures in Thai)
at Department of Physics, *Prince of Songkla University*, Hat Yai, Thailand (26 Jan. 2008)
3. **Burin Gumjudpai** (TPTP, Naresuan U.) “Introduction to cosmology” (3 lectures in Thai)
at Department of Physics, *Ubon Ratchathani University*, Ubon Ratchathani, Thailand (7-8 Sept. 2007)
4. **Burin Gumjudpai** (TPTP, Naresuan U.) “Introduction to cosmology and dark energy” (4 lectures in English)
at School of Physics, *Suranaree University of Technology*, Nakhon Ratchasima, Thailand (27-29 June 2007)