



**Mahidol University**  
Nakhonsawan Campus Project

## The Sixth Tah Poe School on Cosmology

5-8 February 2026 – NAS Mahidol University, Nakhonsawan Project

Hosted by NAS Mahidol University, Faculty of Science of Naresuan University and School of Science of University of Phayao

## School Program (version5: 29 Jan 2026)

Wed 4<sup>th</sup> February 2026

Time	Activities/Lectures	Lecturers/Corr. Person
15.30-17.30	Registration	
17.30-18.30	Dinner	
19.30	Mini Bus to Lek Suk Sri Resort	

Thursday 5<sup>th</sup> February 2026 (Chair: Seckson Sukhasena (Naresuan U. Fac. of Sci.))

Time	Activities/Lectures	Lecturers/Corr. Person
8.20	Mini Bus from Lek Suk Sri Resort	
8.30	Registration	
09.30	Opening and <b>First Group Photo</b>	MUNA VP and Burin Gumjudpai
10.00-10.50	<b>Background Cosmological Dynamics 1</b>	Chakkrit Kaeonikhom
11.00-11.50	<b>Background Cosmological Dynamics 2</b>	Chakkrit Kaeonikhom
12.00-12.50	Lunch	
13.00-13.50	<b>Background Cosmological Dynamics 3</b>	Chakkrit Kaeonikhom
14.00-14.50	<b>Background Cosmological Dynamics 4</b>	Chakkrit Kaeonikhom
15.00-15.30	Break	
15.30-16.20	<b>Cosmological Observations 1</b>	Nandan Roy
16.30-17.20	<b>Cosmological Observations 2</b>	Nandan Roy
17.30-18.30	Dinner	
19.30	Mini Bus to Lek Suk Sri Resort	

Friday 6<sup>th</sup> February 2026 (Chair: Chonticha Kritpatch (U. of Phayao, School of Sci.))

Time	Activities/Lectures	Lecturers/Corr. Person
8.20	Mini Bus from Lek Suk Sri Resort	
09.30-10.20	<b>Cosmological Observations 3</b>	Nandan Roy
10.30-11.20	<b>Dark Energy and Modified Gravities 1</b>	Antonio De Felice
11.30-12.00	<b>Seminar: Dynamical Dark Energy in Models with Evolution Close to <math>\Lambda</math>CDM</b>	Saikat Chakraborty
12.00-13.20	Lunch	
13.30-15.20	<b>The 10th Café Física:</b> <b>Public Talk by Antonio De Felice (50 min)</b> <b>(Chair: Burin Gumjudpai)</b> <b>and Public Forum</b> <b>(Chair: Thiti Sirithanakorn)</b> <b>Second Group Photo in Meeting Room</b>	Antonio De Felice/Burin Gumjudpai/ Chakkrit Kaeonikhom/Nandan Roy/ Thiti Sirithanakorn

15.30-17.30	Break and Refreshment	
17.30-19.30	<b>Dinner in Khaothong Village</b>	
19.30	Mini Bus from Khaothong Village to Lek Suk Sri Resort	

Sat 7<sup>th</sup> February 2026 (Chair: Nandan Roy (Mahidol U. (NAS))

Time	Activities/Lectures	Lecturers/Corr. Person
8.20	Mini Bus from Lek Suk Sri Resort	
8.30	Breakfast	
<b>10.00-10.50</b>	<b>Introduction to Domain Walls and Their Gravitational Wave Signatures</b>	Alexander Vikman
11.00-11.50	<b>Dark Energy and Modified Gravities 2</b>	Antonio De Felice
12.00-12.50	Lunch	
13.00-13.50	<b>Dark Energy and Modified Gravities 3</b>	Antonio De Felice
14.00-14.50	<b>Dark Energy and Modified Gravities 4</b>	Antonio De Felice
15.00-15.30	Break	
15.30-16.20	<b>Testing Gravity in Strong-field Regime with Gravitational Waves 1</b>	Shinji Tsujikawa
16.30-17.30	<b>Introduction to Domain Walls and Their Gravitational Wave Signatures</b>	Alexander Vikman
17.30-18.30	Dinner	
19.30	Mini Bus to Lek Suk Sri Resort	

Sun 8<sup>th</sup> February 2026 (Chair: Amornthep Tita (Mahidol U. (NAS))

Time	Activities/Lectures	Lecturers/Corr. Person
8.20	Mini Bus from Lek Suk Sri Resort	
8.30	Breakfast	
10.00-10.50	<b>Testing Gravity in Strong-field Regime with Gravitational Waves 2</b>	Shinji Tsujikawa
11.00-11.50	<b>Testing Gravity in Strong-field Regime with Gravitational Waves 3</b>	Shinji Tsujikawa
12.00-12.50	Lunch	
13.00-13.50	<b>Testing Gravity in Strong-field Regime with Gravitational Waves 4</b>	Shinji Tsujikawa
14.00	<b>Closing/ Third Group Photo/Snack Break</b>	Burin Gumjudpai