



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 4th 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 5th 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 First Group Photo | MUNA VP and Burin Gumjudpai |
| 10.00-10.50 | Background Cosmological Dynamics 1 | Chakkrit Kaeonikhom |
| 11.00-11.50 | Background Cosmological Dynamics 2 | Chakkrit Kaeonikhom |
| 12.00-12.50 | Lunch | |
| 13.00-13.50 | Background Cosmological Dynamics 3 | Chakkrit Kaeonikhom |
| 14.00-14.50 | Background Cosmological Dynamics 4 | Chakkrit Kaeonikhom |
| 15.00-15.30 | Break | |
| 15.30-16.20 | Cosmological Observations 1 | Nandan Roy |
| 16.30-17.20 | Cosmological Observations 2 | Nandan Roy |
| 17.30-18.30 | Dinner | |
| 19.30 | Mini Bus to Lek Suk Sri Resort | |

Friday 6th February 2026 (Chair: Chonticha Kritpetch (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 | Cosmological Observations 3 | Nandan Roy |
| 10.30-11.20 | Dark Energy and Modified Gravities 1 | Antonio De Felice |
| 11.30-12.00 | Seminar: Dynamical Dark Energy in Models with Evolution Close to ΛCDM | Saikat Chakraborty |
| 12.00-13.20 | Lunch | |
| 13.30-15.20 | The 10th Café Fisica: Public Talk by Antonio De Felice (50 min) (Chair: Burin Gumjudpai) and Public Forum (Chair: Thiti Sirithanakorn) Second Group Photo in Meeting Room | Antonio De Felice/Burin Gumjudpai/ Chakkrit Kaeonikhom/Nandan Roy/ Thiti Sirithanakorn |

| | | |
|-------------|---|--|
| 15.30-17.30 | Break and Refreshment | |
| 17.30-19.30 | Dinner in Khaothong Village | |
| 19.30 | Mini Bus from Khaothong Village to Lek Suk Sri Resort | |

Sat 7th 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 | |
| 10.00-10.50 | Introduction to Domain Walls and Their Gravitational Wave Signatures | Alexander Vikman |
| 11.00-11.50 | Dark Energy and Modified Gravities 2 | Antonio De Felice |
| 12.00-12.50 | Lunch | |
| 13.00-13.50 | Dark Energy and Modified Gravities 3 | Antonio De Felice |
| 14.00-14.50 | Dark Energy and Modified Gravities 4 | Antonio De Felice |
| 15.00-15.30 | Break | |
| 15.30-16.20 | Testing Gravity in Strong-field Regime with Gravitational Waves 1 | Shinji Tsujikawa |
| 16.30-17.30 | Introduction to Domain Walls and Their Gravitational Wave Signatures | Alexander Vikman |
| 17.30-18.30 | Dinner | |
| 19.30 | Mini Bus to Lek Suk Sri Resort | |

Sun 8th 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 | Testing Gravity in Strong-field Regime with Gravitational Waves 2 | Shinji Tsujikawa |
| 11.00-11.50 | Testing Gravity in Strong-field Regime with Gravitational Waves 3 | Shinji Tsujikawa |
| 12.00-12.50 | Lunch | |
| 13.00-13.50 | Testing Gravity in Strong-field Regime with Gravitational Waves 4 | Shinji Tsujikawa |
| 14.00 | Closing/ Third Group Photo/Snack Break | Burin Gumjudpai |