

**Thailand School on
High-Energy and
Astro-Physics (SHEAP 2018)**

Report of Contributions

Contribution ID: 1

Type: **not specified**

Registration

Monday 23 July 2018 08:00 (1 hour)

Contribution ID: 2

Type: **not specified**

Unsolved problems in physics

Monday 23 July 2018 09:00 (1h 30m)

Presenter: CHATRABHUTI, Auttakit

Contribution ID: 3

Type: **not specified**

Special Relativity 1

Monday 23 July 2018 10:45 (1h 15m)

Presenter: HIRUNSIRISAWAT, Ekapong

Contribution ID: 4

Type: **not specified**

Special Relativity 2

Monday 23 July 2018 13:15 (1h 15m)

Presenter: HIRUNSIRISAWAT, Ekapong

Contribution ID: 5

Type: **not specified**

Introduction to Particle Physics 1

Monday 23 July 2018 14:45 (1h 15m)

Natural Units and dimensional analysis

Presenter: Dr SAMART, Daris

Contribution ID: 6

Type: **not specified**

Introduction to Particle Physics 2

Tuesday 24 July 2018 09:15 (1h 15m)

Kinematics, cross-section, decay width and life-time

Presenter: Dr SAMART, Daris

Contribution ID: 7

Type: **not specified**

General Relativity 3

Wednesday 25 July 2018 10:45 (1h 15m)

Presenters: WONGJUN, Pitayuth (The Institute for Fundamental Study, Naresuan University); WONGJUN, Pitayuth

Contribution ID: 8

Type: **not specified**

General Relativity 1

Tuesday 24 July 2018 10:45 (1h 15m)

Presenter: WATCHARANGKOOL, apimook (Researcher)

Contribution ID: 9

Type: **not specified**

Introduction to Quantum Field Theory 1

Tuesday 24 July 2018 13:15 (1h 15m)

Classical field theory

Presenter: Dr POOVUTTIKUL, Napat (Iceland U.)

Contribution ID: **10**

Type: **not specified**

Introduction to Particle Physics 3

Wednesday 25 July 2018 09:15 (1h 15m)

Dirac equation and spinor? (might be replaced by Freyda's public talk)

Presenter: ITTISAMAI, Pawin (Michigan State University)

Contribution ID: **11**

Type: **not specified**

General Relativity 2

Tuesday 24 July 2018 14:45 (1h 15m)

Presenter: WATCHARANGKOOL, apimook (Researcher)

Contribution ID: **12**

Type: **not specified**

Introduction to Quantum Field Theory 2

Wednesday 25 July 2018 13:15 (1h 15m)

Canonical Quantization, particles

Presenter: Dr UTTAYARAT, Patipan

Contribution ID: **13**

Type: **not specified**

Cosmology 1

Wednesday 25 July 2018 14:45 (1h 15m)

Presenter: WONGJUN, Pitayuth (The Institute for Fundamental Study, Naresuan University)

Contribution ID: 14

Type: **not specified**

General Relativity 6

Friday 27 July 2018 14:45 (1h 15m)

Presenter: PONGLERTSAKUL, Supakchai

Contribution ID: 15

Type: **not specified**

Introduction to Particle Physics 4

Currents and interactions, symmetries, gauge invariance

Presenter: ITTISAMAI, Pawin (Michigan State University)

Contribution ID: **16**

Type: **not specified**

General Relativity 4

Thursday 26 July 2018 09:15 (1h 15m)

Presenter: PONGLERTSAKUL, Supakchai

Contribution ID: 17

Type: **not specified**

Introduction to Quantum Field Theory 3

Thursday 26 July 2018 10:45 (1h 15m)

Feynman diagram, QED

Presenter: PONGKITIVANICHKUL, Chakrit (King's College London)

Contribution ID: **18**

Type: **not specified**

Cosmology 2

Thursday 26 July 2018 13:15 (1h 15m)

Presenter: WONGJUN, Pitayuth (The Institute for Fundamental Study, Naresuan University)

Contribution ID: **19**

Type: **not specified**

Introduction to Particle Physics 4

Friday 27 July 2018 09:15 (1h 15m)

Higgs mechanism

Presenter: ITTISAMAI, Pawin (Michigan State University)

Contribution ID: 20

Type: **not specified**

General Relativity 5

Friday 27 July 2018 10:45 (1h 15m)

Presenter: PONGLERTSAKUL, Supakchai

Contribution ID: **21**

Type: **not specified**

Introduction to Quantum Field Theory 4

Friday 27 July 2018 13:15 (1h 15m)

Electroweak theory, Standard Model

Presenter: UTTAYARAT, Patipan

Contribution ID: 22

Type: **not specified**

High energy particle physics: Highlights of experimental results

Thursday 26 July 2018 14:45 (2 hours)

Presenter: BLEKMAN, Freya (IIHE, Vrije Universiteit Brussel (BE))