

## **Session Program**

**24-26 May 2017**



# **Siam Physics Congress 2017**

## ***A12: High Energy Physics***

Rayong Marriott Resort & Spa

<http://www.marriott.com/hotels/travel/bkkrr-rayong-marriott-resort-and-spa/> Rayong, Thailand

Thursday 25 May

13:10

A12: High Energy Physics

Session | Location: Ballroom 1 | Conveners: Sitthichai Pinkanjanarod, Prof. Auttakit Chatrabhuti

13:10–13:25 Supersymmetrizing a Quantum Mechanical System.

Speaker  
Patipan Uttayarat

13:25–13:50 Review of Proton Radius Puzzle

Speaker  
Prof. Richard A. Lindgren

13:50–14:05  
Inflation from Supergravity with Gauged R-symmetry in de Sitter Vacuum

Speaker  
Dr Rob Knoops

14:05–14:20  
Quantum criticality from Ising model on dynamical simplicial geometries

Speaker  
Dr Yuki Sato

14:20–14:35 Holographic non-Gaussianities in general single-field inflation

Speaker  
Dr Hiroshi Isono

14:35–14:50  
Identification of top quark pair event from dileptonic decay channel by machine learning

Speaker  
Vichayanun Wachirapusanand

14:50–15:05  $\Lambda_c$  baryon production in effective Lagrangian approach

Speaker  
Mr Thanat Sangkhakrit

15:05