The International Symposium on Multi-particle Dynamics (ISMD) has a long and proud tradition that dates all the way back to 1970 when it was first hosted in Paris (France). Since then, this very successful series of ISMD conferences has oscillated between Europe, America and Asia. Recent symposiums were held in Tlaxcala (Mexico, 2017), Jeju Island (South Korea, 2016), Wildbad Kreuth (Germany 2015) and Bologna (Italy, 2014).

The objective of ISMD is to provide a conducive environment for presentation of the latest high energy experimental data and theoretical results. It aims to facilitate stimulating discussions amongst the particle physics experimentalists, phenomenologists and theorists on high energy, heavy ions and astro-particle physics; with a common interest in scatterings that involve a large number of particles in the final state. ISMD consists of only plenary talks that spread over five days. For this ISMD, we are expecting about 120 participants with several coming from our neighbouring ASEAN (Association of Southeast Asian Nations) countries.

Budding graduate students are encouraged to submit posters. The Franco Rimondi Association, Institute of Advanced Studies (NTU) and Singapore Institute of Physics will each sponsor cash awards of 1000 Euros for poster prizes.

Please visit the IAS website for more information: http://www.ntu.edu.sg/ias/ISMD2018

Supporting Organisations:

Franco Rimondi Association
Institute of Physics, Singapore
Department of Physics
Faculty of Science

XLVIII International Symposium on Multiparticle Dynamics
3 to 7 September 2018
Nanyang Executive Centre, NTU

Topics & Conveners

• Perturbative and Non-perturbative Features of QCD
  a) Suharyo Sumowidagdo, Indonesian Institute of Science
  b) Giulia Pancheri, INFN Frascati National Laboratories, Italy

• Soft Hadron Physics, Multi-particle Correlations and Fluctuations
  a) Byungsik Hong, Korea University
  b) Adam Badak, Krakow, Poland

• Hadronic Final states in High $p_T$ interactions
  a) Wang Fuqiang, Purdue University, USA
  b) Nick van Remortel, Antwerp, Belgium

• Forward Physics, Diffraction and Pomeron
  a) Antoni Szczurek, Institute of Nuclear Physics PAN Krakow, Poland
  b) Jyothsna Rani Komaragiri, Indian Institute of Science

• Collectivity in High Energy Collisions: Jets, Flows and other aspects
  a) Itzhak Tserruya, Weizmann Institute, Israel
  b) Liu Feng, Central China Normal University, Wuhan

• Proton Structure, Small- and Large-x Physics
  a) Alejandro Ayala, Universidad Nacional Autónoma de México
  b) Chien Peng Yuan, Michigan State University, USA

• Cosmic ray and Astro-particle Physics
  a) Karl-Heinz Kampert, University of Wuppertal, Germany
  b) Yuan-Hann Chang, National Central University, Chung-Li, Taiwan

• Special Topics
  a) Nguyen Anh Ky, Vietnam Academy of Science & Technology
  b) Burin Asavaphibhop, Chulalongkorn University, Thailand

• Poster Sessions