HIGHLIGHTS OF THE WEEK

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Merry Christmas &
a Happy New Year!

From all of us at
NTU SPMS

ICON-2DMAT 2017

From 11 to 15 December, NTU hosted the 3rd International Conference on 2D Materials and Technology (ICON-2DMAT 2017), with the aim to enhance the synergy within the 2D materials community and building toward a strong future in 2D material science and technology. Held in SPMS, the ICON-2DMAT 2017 brought together about 360 researchers, developers and users from around the world to share their latest results, explore new areas of research and development, and discuss emerging issues facing the 2D materials field.

The world around is very complex with an enormous variety in phenomena. How can we ever dream of finding fundamental laws that describe these phenomena and still be comprehensible? One important ingredient for this is the concept of spontaneous symmetry breaking, whereby the ground-state of the physical system does not show regularities but the underlying fundamental equations do.

This meeting is a tribute to the late Robert Brout, who made significant contributions in all these fields and would have been 90 this year. Unfortunately, he passed away just a few years before the Nobel Prize was awarded to his long-time collaborator François Englert, with whom he shared so many of these results.

The distinguished speakers include three Nobel Laureates, François Englert, Duncan Haldane and Gerard ’t Hooft, and Fields Medalist Michael Atiyah.

Please register early by 31 December 2017 to enjoy the discount! For more information, please refer to the website at http://www.ias-ntu.org/forms/CNREG. For enquiries, please email the secretariat at IAS-SSB18@ntu.edu.sg.

Simon Marais Mathematics Competition

The inaugural Simon Marais Mathematics Competition was held on 7 October. The competition was open to other countries, mostly in Asia. Our students participated in the competition and won third place in both the individual and group categories.

MAS Year 4 undergraduate Tan Pin Lin (pictured) was the individual category winner. Pin Lin, who was pleasantly surprised at winning the third prize, shared that what she has learnt in MAS had equipped her with the knowledge that helped her gain an edge over the other participants. Our heartiest congratulations to the winners!

Conference on
The Transient Universe

This interdisciplinary conference will discuss observations of multi-messenger events by different detectors, ranging from LIGO/Virgo to IceCube and Auger, radio and optical telescopes and high-energy satellites. It will also explore their modelling focussing in particular on theoretical interlinks and relations between the mechanism driving the different transient phenomena.

2017 Physics Laureate Rainer Weiss and 2006 Physics Laureate George Smoot will speak at the conference.

Please register early by 31 January 2018 to enjoy the discount! For more information, please refer to the website at http://www.ias-ntu.org/forms/CNREG. For enquiries, please email the secretariat at IAS-TU18@ntu.edu.sg.

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