**Global Young Scientists Summit GYSS@one-north**

The Global Young Scientists Summit (GYSS)@one-north is an international gathering in Singapore for bright young researchers from all over the world to be inspired by internationally eminent science and technology leaders. The Summit will discuss the latest advances in science and technology, and how research and technology can be harnessed to address major global challenges. It is a multi-disciplinary summit, covering the disciplines of chemistry, physics, biology, mathematics, computer science and engineering.

**Excite, Engage, Enable**

The Summit aims to:

**• Excite** and inspire bright young scientists to apply their minds to multi-disciplinary research that addresses global challenges and mankind’s future needs;

**• Engage** and connect young researchers to like-minded peers and eminent scientific leaders through close and personal interactive sessions;

**• Enable** participants to pursue their research passions.

**GYSS@one-north Programme**

The five-day programme will address the key areas of science, research, technology innovation and solutioning to global challenges. Participants will have many opportunities to interact with the invited speakers, as well as with peers, during plenary sessions, panel discussions, and small group sessions. Site visits to universities, research institutes and Singapore government agencies and/or private industry will allow participants to have a better understanding of Singapore’s multi-faceted R&D landscape. Social programmes will be organised for an appreciation of the sights, sounds and tastes of multi-cultural Singapore.

**Singapore Challenge**

The Singapore Challenge is an integral part of GYSS@one-north, and is a unique platform to enable participating young researchers to pursue their research interests. Participants will submit white papers to an identified challenge during the registration process. Authors of the best papers will present their ideas to a panel comprising scientific, academic and industry leaders during the Summit. A cash prize and medallion will be awarded to the most compelling idea.

**Speakers and Participants**

Speakers invited to the GYSS@one-north are internationally renowned scientific leaders who are recipients of the Fields Medal, Millennium Technology Prize, Nobel Prize, and Turing Award.

Participants of the GYSS@one-north are PhD students and postdoctoral associates nominated by universities, research organisations and corporate labs from around the world. Representing the top 5 to 10% of their cohort, the participants are highly motivated young researchers under the age of 35.

For more information on the GYSS@one-north, please visit [www.GYSS-one-north.sg](http://www.GYSS-one-north.sg). The website is currently being updated for the 2014 edition.

**GYSS@one-north 2013 and beyond**

The inaugural GYSS@one-north was held from 20 to 25 January 2013 with the theme, “*Advancing Science, Creating Technologies for a Better World*”. About 280 participants had the unique opportunity to engage the 15 speakers in matters ranging from personal interests, current affairs, developments in science and technology, to embarking on a career as a scientist. The list of speakers is as follows:

* Aaron Ciechanover, Nobel Prize in Chemistry (2004)
* Ada Yonath, Nobel Prize in Chemistry (2009)
* Albert Fert, Nobel Prize in Physics (2003)
* Anthony Leggett, Nobel Prize in Physics (2003)
* Cedric Villani, Fields Medal (2010)
* Dan Shechtman, Nobel Prize in Chemistry (2011)
* Douglas Osheroff, Nobel Prize in Physics (1996)
* Eric Cornell, Nobel Prize in Physics (2001)
* Hartmut Michel, Nobel Prize in Chemistry (1998)
* Michael Graetzel, Millennium Technology Prize (2010)
* Robert Grubbs, Nobel Prize in Chemistry (2005)
* Richard Karp, Turing Award (1985)
* Richard Roberts, Nobel Prize in Physiology or Medicine (1993)
* Sydney Brenner, Nobel Prize in Physiology or Medicine (2002)
* Vladimir Voevodsky, Fields Medal (2002)

GYSS@one-north 2014 will be held from 19 to 24 January 2014, with a target of 350 to 400 participants and 20 invited speakers. The theme remains, “*Advancing Science, Creating Technologies for a Better World*”. GYSS@one-north 2015 will be held from 18 to 23 January 2015.

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