

NATIONAL RESEARCH FOUNDATION
PRIME MINISTER'S OFFICE
SINGAPORE

PARTICIPANT SELECTION CRITERIA

For GYSS@ONE-NORTH 2014, 19-24 Jan 2014

Global Young Scientists Summit@one-north

The Global Young Scientists Summit@one-north (GYSS@one-north) is a gathering of young researchers (primarily PhD students and post-docs) from all over the world, with internationally eminent science and technology leaders ('speakers') in Singapore. The Summit will discuss the latest advances in science & technology, and how research could be harnessed to address major global challenges. It is a multi-disciplinary Summit, covering topics ranging from chemistry, physics and medicine to mathematics, computer science and engineering. Speakers invited to the GYSS@one-north are globally recognised scientific leaders, who are recipients of the Fields Medal, Millennium Technology Prize, Nobel Prize, and Turing Award.

Excite. Engage. Enable.

The GYSS@one-north aims to inspire and *excite* bright young scientists, through close interactions with eminent scientific leaders, to apply their minds to research that addresses serious global challenges and the future needs of mankind. The Summit provides a platform for these young researchers to connect and *engage* with like-minded peers from all over the world and build up a global research network. An integral part of GYSS@one-north is the Singapore Challenge, which will *enable* participants with a compelling research proposition to take steps to bring their ideas to fruition.

GYSS@ONE-NORTH 2014

The inaugural GYSS@one-north 2013 attracted close to 280 bright young international scientific talents to Singapore, where over the course of a week, had close interactions with 16 eminent scientists. Both participants and speakers had the unique opportunity to immerse themselves in the local research, education and innovation eco-system.

The theme for GYSS@one-north 2014 is "*Advancing Science, Creating Technologies for a Better World*", similar to that of the 2013 event. Over a specially curated 5-day programme, bright young researchers will interact with eminent scientists and peers to discuss key areas of science & research, technology innovation & society, and solutions to global challenges. The first 3 days of the Summit will comprise plenary lectures and panel discussions with the invited speakers in the morning followed by small group informal interaction sessions or master-classes with the speakers in the afternoon. Participants will have the unique opportunity to visit the universities, research centres and other R&D highlights of Singapore in the final 2 days of the Summit. The GYSS@one-north 2014 will be largely held within the campus of the Nanyang Technological University (NTU) to immerse speakers and participants in the local university eco-system. Cultural events will also be organised for participants to appreciate the sights, sounds and tastes of multi-cultural Singapore.

Participants are encouraged to submit white papers to propose innovative solutions to an identified global challenge when registering. The authors of the best 10 papers will present their ideas to a panel of scientific leaders at the last day of the Summit. A prize will be awarded to the individual with the most compelling idea.

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Selection Criteria for Participants

The GYSS@one-north 2014 will have between 350 to 400 participants, who are mainly PhD students and postdocs under the age of 35. These participants are nominated by universities and research organisations from around the world.

They are selected based on the following criteria:

- Demonstration of passion and interest in research;
- Strong organisational support, preferably recommendation letter from academic advisor or supervisor;
- Possession of good English skills for active discussion and engagement with peers and speakers;
- Demonstrated strong academic achievement in area of research, assessed within the top 5-10 percent of cohort.

Nominating institutions and organisations will be expected to sponsor the participants' passage to Singapore. A local hospitality package will be provided for participants in Singapore. The nominating institutions shall provide the nominations to NRF by 31 July 2013.

The selected participants will be informed by NRF to complete an online application by 30 Sept 2013.