

PARTICIPANT SELECTION CRITERIA

For GYSS@one-north, 20-25 Jan 2013

Global Young Scientists Summit (GYSS) @ one-north

The Global Young Scientists Summit (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 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 the basic sciences of chemistry, physics and medicine as well as mathematics, computer science and engineering. Speakers invited to the GYSS 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 the first steps to bring their ideas to fruition.

GYSS@ONE-NORTH 2013

The inaugural GYSS@one-north will be held from 20 to 25 January 2013 with the theme, “Advancing Science, Creating Technologies for a Better World”. The 5-day programme will address the key areas of science & research, technology innovation & society and solutions to global challenges.

The first 3 days of the Summit comprise lectures and plenary sessions with invited scientific leaders in the morning followed by small group

informal interaction sessions and masterclasses with the speakers in the afternoon. Participants will have the opportunity to visit the universities, research centres and other R&D highlights of Singapore in the final 2 days of the Summit. Cultural events will also be organised for visitors 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.

Selection Criteria for Participants

The inaugural GYSS@one-north will have between 300 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