



The **Singapore Physics League (SPhL)** is a 4-hour online competition in which teams of 3 to 5 students work together to solve a series of challenging physics problems. The problems will vary in difficulty, but will generally be pitched at a level similar to that of national physics olympiads, seeking to be innovative, interesting and intellectually stimulating. Being team-based, the competition will demand coordination within teams, and aims to encourage fruitful and enjoyable discussion of physics.

The competition will be thrilling and dynamic — similar to a game. Problems will be unlocked in a progressive manner, with live scoreboards to inform teams on how they are performing relative to other teams. The automated scoring system provides instant feedback, so teams know immediately upon the submission of their answers whether or not the problem was deemed to be correctly solved, and have the option to retry and resubmit. Additionally, the competition will be completely open-book!

**When?** The inaugural SPhL 2021 will be held on Saturday 12 June 2021, from 9 am to 1 pm (Singapore time).

**Who?** This competition is open to all students studying in Singapore secondary schools and junior colleges (or equivalent). There is no registration fee for SPhL 2021.

**Where?** As the competition is online, there is no centralised venue that teams need to report to. Each team will have the flexibility to compete from any location of their choice.

**How?** All that is required is pen and paper, a computing device (preferably a laptop with a modern web browser), and a stable Internet connection to access our online platform, which teams will use to solve problems and submit answers.

**Please visit the official website [sqphysicsleague.org](http://sqphysicsleague.org) for more information on the detailed rules and intricacies of the competition.** Sample problems on the website provide a rough gauge of the difficulty and style of the problems.

To register for SPhL, please follow the instructions by your teacher-in-charge. After registration closes, more information will be sent to the email addresses provided as part of registration. **Please contact us if you do not receive any email from us by 3 May 2021.**

Feel free to email us directly at [sqphysicsleague@gmail.com](mailto:sqphysicsleague@gmail.com) if there are any queries or clarifications needed. We look forward to your participation!

Best regards,  
Christopher Ong  
Chief Organiser, SPhL 2021