

To Whom It May Concern:

On behalf of the board of Physics Unlimited, it is our pleasure to invite all high school students to take part in the Physics Unlimited Premier Competition. We are delighted to partner with KGSEA in order to make this event accessible to high school (and very motivated middle school) students in Korea and encourage prospective competitors' teachers, coaches, and parents to also publicize this contest as they deem effective. To that end, a few words on our background are warranted.

The Princeton University Physics Competition (PUPC) was founded in 2014 by a group of Princeton University students keen on expanding the opportunities for high school students in challenging their problem-solving skills and learning about subfields undergoing groundbreaking research.

Throughout the first few years of its existence, PUPC grew from a regional/national contest in its first year, with several dozen high school students from across the U.S. competing in its Onsite Test, to an international event attracting many students from countries around the globe. After the first year, the PUPC partnered with Po-Shen Loh, the national coach of the U.S. IMO Team (which came in first place at IMO 2015 and went on to repeat its feat in 2016), and coordinated with two international locations for PUPC 2015: the Freshman Institute of FH Aachen in Germany and SUSTech in China.

As the event rapidly developed in size and scope, the human resources to facilitate its expansion were limited, therefore prompting the original co-founders to seek new ways in enabling a smooth, uninterrupted global growth of the initiative. This resulted in the founding of an independent non-profit organization, Physics Unlimited, responsible for broadening the scope and reach of similar events.

The goal of the Premier Competition is to extend opportunities provided by PUPC at Princeton to students in new international locations by offering them the same problems as those developed for students who choose to arrive on campus at the original site. Physics Unlimited is run independently of Princeton University Physics Competition, but informal coordination is maintained between the organizers of both entities to ensure that all simultaneously hosted events are a success.

As part of our mission to provide access to physics competitions to a growing pool of students around the world, Physics Unlimited has also partnered with the non-profit organization ASDAN China, hosting sites in different geographic regions of China. We will provide both combined and site-specific sets of rankings so that students are able to see their results relative to others within and across countries.

We are happy to bring this competition to South Korea, enabling us to advance our mission of democratizing access to education in physics and STEM everywhere. Please feel free to forward<sup>1</sup> any questions about Physics Unlimited to its founders: Pavel Shibayev, Andrew Sharo, and Ming-Yee Tsang, all alumni of Princeton University Department of Physics. For more information about past and future events offered by Physics Unlimited, we invite you to explore the website [physicsu.org](http://physicsu.org).

Sincerely,



Pavel Shibayev, Andrew Sharo, Ming-Yee Tsang

Physics Unlimited incorporators

