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## **Presentation of the book "Fascinating Problems for Young Physicists"**

*Thursday, 1 September 2022 11:45 (1h 15m)*

Authors: Nenad Vukmirović and Vladimir Veljić (Institute of physics Belgrade)

Abstract: A recently published book "Fascinating Problems for Young Physicists" by Nenad Vukmirović and Vladimir Veljić (Cambridge University Press, 2022) will be presented. The book contains a collection of physics problems that describe the phenomena encountered in everyday life. By solving the problems, the reader will be able to discover, for example, why are the world records in the high jump, long jump or pole vault at specific lengths or heights, what is the relation between the mass of the animal and its expected lifetime, what is the efficiency limit of wind turbines, how do we see, why we see nice butterfly colours, etc. The intended audience of this book is talented high school students who are motivated to deepen their knowledge of physics and their teachers as well as students and professors at university courses in general physics.

**Session Classification:** Book Presentations