

#i'm  
physics

# CERTIFICATE OF ACHIEVEMENT

**The Bronze Medalist**

**Pedram Amani**

**Canada**

this is to certify that the above mentioned person has won a **Bronze Medal**  
in the 48<sup>th</sup> International Physics Olympiad, Yogyakarta, 16-24 July 2017



Director General of  
Primary and Secondary Education  
Ministry of Education and Culture,  
Republic of Indonesia

**Hamid Muhammad, Ph.D.**

President of the  
International Physics Olympiad

**Dr. Hans Jordens**



MINISTRY OF  
EDUCATION AND CULTURE  
REPUBLIC OF INDONESIA

