



Dear friend/member/amateur astronomer,

The **KITION PLANETARIUM & OBSERVATORY** announces a special course for lyceum students this Summer



PROGRAMMING IN ASTRONOMY

The course consists of 4 sessions. It explains how to simulate movements of bodies with initial simplifications and in general case. Participants will gain knowledge of historical background of the tasks and skills to operate with central force on plane and represent graphically results of their research.

The 1.5 hours sessions will be conducted by the astrophysicist Alexander Prokofyev every Friday, **starting on 7th July 2022 at 15:45** online (remotely).

Alexander Prokofyev graduated with honor the Department of Physics at Moscow State University (Lomonosov University). His scientific work is connected to cosmic strings in expanded theories of gravitation. Nowadays he conducts research in archeoastronomy, organizes and participates in observations of total solar eclipses, meteor showers and asteroid occultations. He has publications in scientific and popular editions, and makes reports in both national and International conferences, from Cyprus to the USA. He is known for his pedagogical skills. For example, the students he prepared for the competitions of the International Olympiad in Astronomy and Astrophysics achieved 3 times an 'honorable mention' level as well as brought 1 medal, entering the top part of the talented students on the planet. These are the highest ever awards that Cypriot participants have achieved.

On completion of the course a participation certificate will be awarded.

Booking in advance is obligatory

Please send by email to spacewalk@cytanet.com.cy
your programming code and image of the graph for this task:
Points A (1,2) and B (3,4) lie on the coordinate plane (0xy). Draw the coordinate axes, label the axes x,y, and add numbers 0,1,2,3,4,5. Plot the points A and B on your graph.

FEES: €80 for the course

JOIN OUR SPACEWALK...

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