



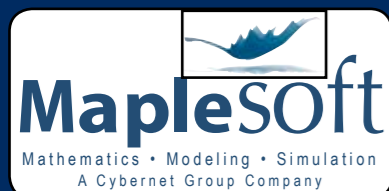
IMC

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28th International Mathematics Competition for University Students

2 – 8 August, 2021 • Blagoevgrad • Bulgaria

<http://www.imc-math.org.uk/>

Organized by University College London and hosted by the American University in Bulgaria

* A Perfect Number is a positive integer that is the sum of its proper divisors

1+

2+

4+

7+

14=28

THE PERFECT IMC 2021!

Allegedly the universe was created in 6 days because 6 is the first Perfect Number, and the moon circles the Earth in 28 days because 28 is the next Perfect Number. Pythagoreans, it is said, studied Perfect Numbers over 2,500 years ago for their 'mystical' properties.

UCL
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Each participating university is invited to send several students and one teacher. Individual students are welcome. The competition is planned for students completing their first, second, third or fourth year of university education and will consist of 2 Sessions of 5 hours each. Problems will be from the fields of Algebra, Analysis (Real and Complex), Combinatorics and Geometry. The working language will be English.