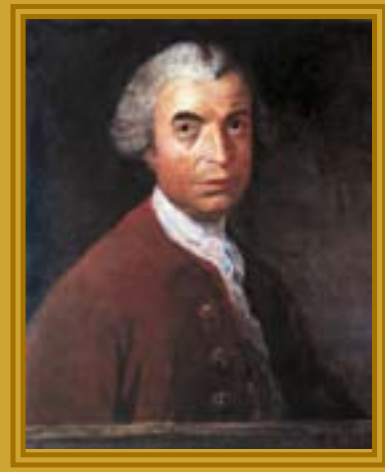


# RUĐER BOŠKOVIĆ

Dubrovnik, 18 May 1711 – Milan,  
13 February 1787



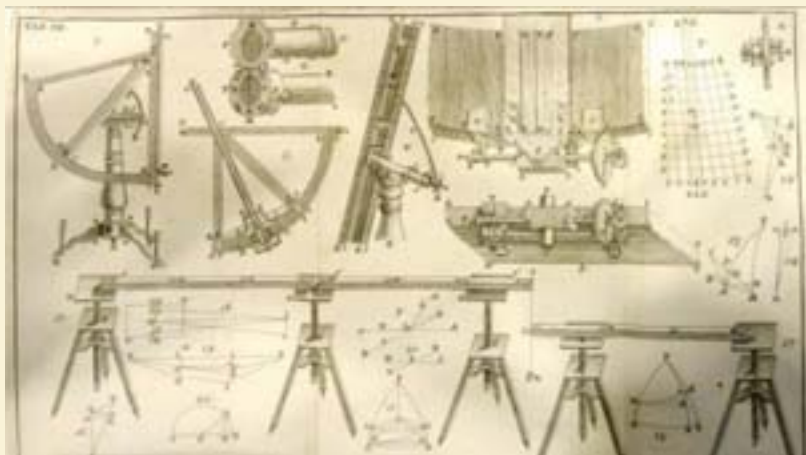
Croatian scientist and philosopher, astronomer, mathematician, physicist, surveyor, writer, archaeologist, and a diplomat.

## bio graphy

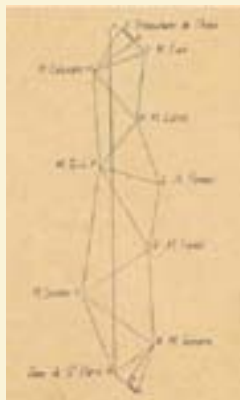


- 1741 – ordained as a Jesuit priest
- 1741 – presented the idea of geoid being the shape of the Earth
- 1742 – carried out research into repairing cracks in St Peter's Basilica in Rome
- 1745–1748 – published *De viribus vivis* (1745), *De aestu maris* (1747) and *De lumine* (1748)
- 1750–1752 – measured the degree along the Rome–Rimini meridian in the Ecclesiastical State, compiled astronomical data from which Maire made the first precise map of the Ecclesiastical State; published an
- exhaustive scientific report, *De litteraria expeditione per Pontificiam ditionem...* including all his geophysical research, published in its entirety in 1755, in 1757 as a summary, in 1760 with a statistical supplement and in 1770 in its entirety translated into French.
- 1751 – constructed surveying tripods
- 1755 – published the results of his measurements of meridian degrees, and also the report *De litteraria expeditione per Pontificiam ditionem...*
- 1758 – published the *Theory of Natural Philosophy* (Viennese edition)
- 1761 – travelled to Istanbul and investigated the ruins of the ancient city of Troy
- 1763 – published the second, extended Venetian edition of the *Theory of Natural Philosophy*
- 1764 – was appointed Professor of Mathematics at Pavi
- 1770 – constructed the pendulum clock and was appointed Professor in Milan and Director of the Brera Observatory
- 1773 – constructed the final version of his vitrometer with a variable glass prism; was relieved of his duty as the Director of the Observatory in Brera. The Jesuit order was abolished at this time.
- 1774 – In Paris, he was granted French citizenship and became Director of Optics for the French Navy
- 1785 – published *Opera pertinentia ad opticam et astronomiam* (Works related to optics and astronomy)

1751 –  
constructed  
surveying  
tripods



... improved  
the accuracy of  
calculating the  
whole triangulation  
network



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Republic of Croatia State  
Geodetic Administration