## LAGRANGE Days 18 & 19 October 2013

Centre International de Rencontres Mathématiques Marseille - Luminy



## Turin, Berlin, Paris... Joseph-Louis LAGRANGE a truly European mathematician!



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## 1813-2013

- > Dynamical systems
- > Partial differential equations
- > Calculus of variations
- > Probability theory
- > Wave propagation
- > Continuum mechanics
- > Fluids
- > Celestial mechanics

Two hundred years after he passed away, CIRM wishes to commemorate Joseph-Louis LAGRANGE, a mathematician and astronomer who was born in 1736 in Turin and died in 1813 in Paris. Mathematicians and historians from France, Italy, Germany, England and Russia will provide an overview of the significant heritage left by LAGRANGE. Described as a 'mathematician-philosopher', 'first geometer since Newton' or 'brillant inventor', he was one of the main scientists who settled the foundations of 'calculus of variations', a branch of mathematics with many applications in analytical mechanics and physics, especially through the 'principle of least action'.

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