David Leonardo Ramos Salamanca

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Personal Data

Name	David Leonardo Ramos Salamanca
Date of Birth	05.05.1996
Nationality	Colombian

Education

2014–2019   **B.Sc. Physics**, *Universidad Industrial de Santander*, Bucaramanga, Colombia.
Tesis: Physical Acceptability of Compact Objects with a Reallistic Equation of State
Advisor: Luis A. Núñez

Skills

Languages	Spanish (native), English (advanced).
Programming	**Python**, C, Bash, Git, LaTeX.
Computational Physics	Standard methods for solving ODEs. Finite element and finite volume methods for solving PDEs.

Events

2019   **VI Congreso Colombiano de Astronomía y Astrofísica**, Medellín, Colombia.
Organizers: Universidad de Antioquia, Parque Explora – Planetario de Medellín, Instituto Tecnológico Metropolitano ITM and Sociedad Antioqueña de Astronomía SAA.

2019   **XXVII Escuela de Verano en Física**, Ciudad de México, México.
Institution: Universidad Nacional Autónoma de México

Teaching Experience

2019   **Physics Tutor**, *Universidad Industrial de Santander*.
Sistema de apoyo a la excelencia académica. *Supervisor:* Esperanza Aguilar de Flórez.

Honors and Awards

2020   **Laureate Bachelor Thesis**, *Universidad Industrial de Santander.*

Research Interests

Relativistic Astrophysics   Gravitational collapse, accretion onto compact objects.

High Energy Physics   Particle physics in extreme conditions, equation of state of dense matter.