

Particle Therapy Masterclass

February 10th and 11th 2022



February 11th

International Day of Women and Girls in Science

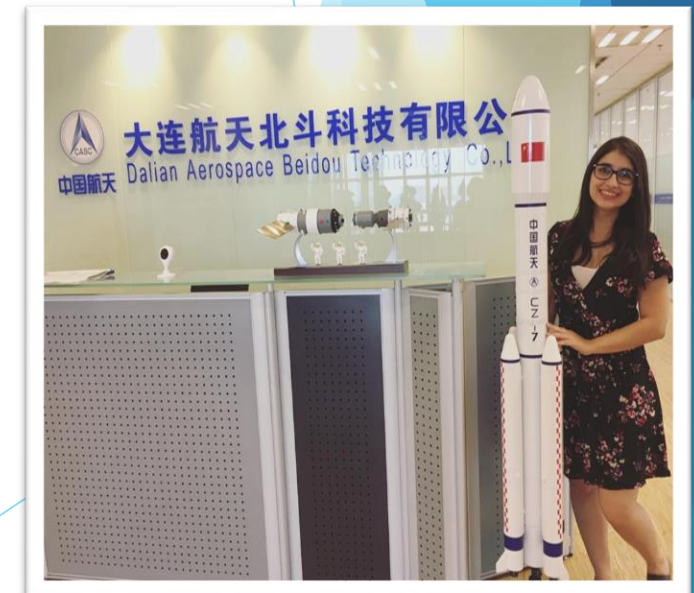
Verania Echaide Navarro

Education

- Communication. B in Social Science. CECC
- Science Communication Diploma. National Autonomous University of Mexico, UNAM, Science Communication Department.
- Physics, B. Science. UNAM
- National Geographic
- Physics Education. MSc. IPN.

Employment

Mexican Space Agency Since 2015



PROJECTS

- “Space 4Women” as mentor Representing North America and the Caribbean. The United Nations Office for Outer Space Affairs (UNOOSA). Since 2020
- "Scientific Empowerment Camp" as mentor, jury and manager. National Institute of Optical and Electronic Astrophysics INAOE. 2019
- “Women into Space” as mentor. Mexican Space Agency. Since 2019



Thesis Project

“Master class of particle physics in order to support and promote the access of women and girls to scientific education and research activities”

Particle physics offers a great opportunity to involve young people in science, therefore, I proposed a master class of particle physics for female high school students in Mexico.



Most of the girls who participate come from public schools with difficult backgrounds, from distant towns to the city

Young women and men are equally capable and equally fascinated by science

There is no equal access to and participation in science YET

- End discrimination and stereotypes: Challenge the meaning of "being a man", and the idea that women are dependent, vulnerable or incapable or "bad in math"
- Unlearn cultural sexist behaviors
- Pay attention and question the situations in which gender roles are forced.
- Challenge beauty standards
- Report cases of sexism and harassment



¡THANK YOU!

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