

**Project 101179251 — EL-BONGO**  
**Milestone 1: Researchers trained in MiLAB**

To advance the adoption of open science best practices, enhance reproducibility, and drive digital transformation within our communities, MiLAB live training sessions were conducted in three sessions on March 17, 24, and 27, 2025. This training was open to all members of our community, including those from High Energy Physics, Space Weather, Seismology and Earth Hazards, Artificial Intelligence, and International Relationship Offices.

MiLAB is a cloud-based platform designed to support the work of research groups. It focuses on project management, preservation of digital history and collaborative work. These services are integrated through a federated authentication system, enabling centralised digital identity management. Open Science MiLAB aims to improve the reproducibility of scientific experiments by incorporating its services into research processes, including data capture, analysis and publication of results. More information at <https://milab.redclara.net/>.

Given our project's focus on digital education and open science, MiLAB is crucial for our consortium's operation. It provides the necessary tools and infrastructure to foster the open and accessible exchange of data, research results, and educational resources, enabling seamless collaboration across all El Bongo Physics communities.

Agenda: <https://jupyterhd.redclara.net/event/152/>

Presentation:

<https://jupyterhd.redclara.net/event/152/contributions/617/attachments/249/422/tallerMiLab.pdf>

| Attendance data |                                        |
|-----------------|----------------------------------------|
| Date            | Number of researchers/teachers trained |
| March 17, 2025  | 20                                     |
| March 24, 2025  | 7                                      |
| March 27, 2025  | 4                                      |
| <b>Total</b>    | <b>31</b>                              |

Asistencia Capacitación MILAB 17/03/2025 (respuestas)  

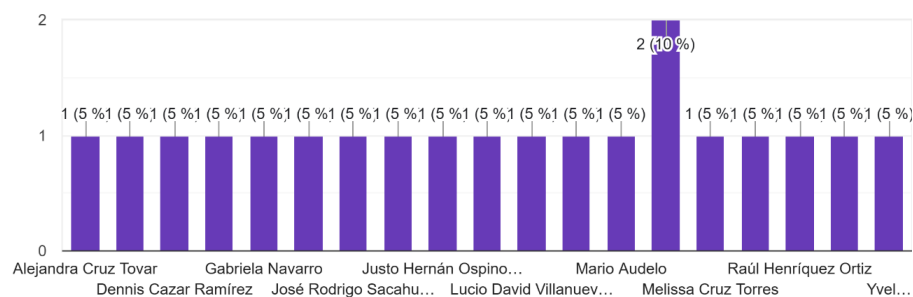
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A1  |  Marca temporal

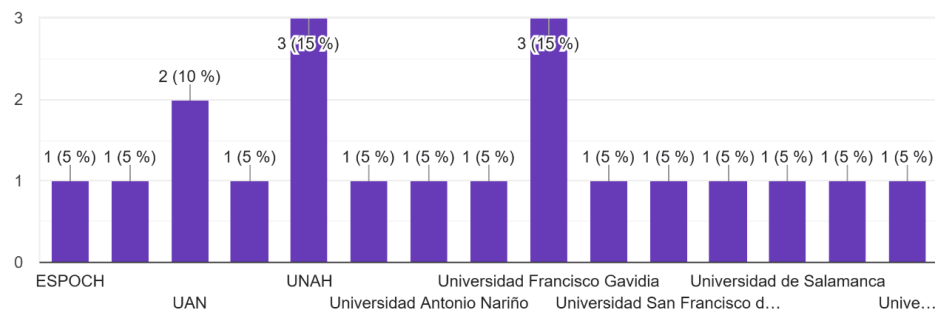
|    | A                   | B                                                                                                                                                                   | C                         | D                                      | E            | F                               | G                            |
|----|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------|--------------|---------------------------------|------------------------------|
|    | Form_Responses1     |   |                           |                                        |              |                                 |                              |
| +  | Marca temporal      | Puntuación                                                                                                                                                          | Nombre Completo           | Institución a la que pertenece         | Rol          | Correo electrónico              | Por favor indique su género: |
| 2  | 17/03/2025 11:28:46 |                                                                                                                                                                     | Raúl Henríquez Ortiz      | Universidad de El Salvador             | Docente      | raul.henriquez@ues.edu          | Masculino                    |
| 3  | 17/03/2025 11:29:18 |                                                                                                                                                                     | Deywis Moreno             | UAN                                    | Docente      | deymoreno@uan.edu.co            | Masculino                    |
| 4  | 17/03/2025 11:29:23 |                                                                                                                                                                     | Gabriela Navarro          | Universidad Antonio Nariño (Colom      | Docente      | gabriela.navarro@uan.edu        | Femenino                     |
| 5  | 17/03/2025 11:29:49 |                                                                                                                                                                     | Melissa Cruz Torres       | UNAH                                   | Investigador | melissa.cruz@unah.edu           | Femenino                     |
| 6  | 17/03/2025 11:30:37 |                                                                                                                                                                     | Juan Camilo Ramírez       | Universidad Antonio Nariño             | Investigador | juan.ramirez@uan.edu.co         | Masculino                    |
| 7  | 17/03/2025 11:32:08 |                                                                                                                                                                     | Lucio David Villanueva C  | UNAH                                   | Docente      | lucio.villanueva@unah.edu       | Masculino                    |
| 8  | 17/03/2025 11:33:19 |                                                                                                                                                                     | Alejandra Cruz Tovar      | UAN                                    | Otro         | coordinador.cooperacion@uan.edu | Femenino                     |
| 9  | 17/03/2025 11:40:02 |                                                                                                                                                                     | Teofilo Vargas Aucaalla   | UNMSM                                  | Docente      | tvargas@unmsm.edu.pe            | Masculino                    |
| 10 | 17/03/2025 11:40:11 |                                                                                                                                                                     | Yvelice Soraya Castillo F | UNAH                                   | Docente      | yvelice.castillo@unah.edu       | Femenino                     |
| 11 | 17/03/2025 11:51:38 |                                                                                                                                                                     | Luis A Nunez              | Universidad Industrial de Santander    | Docente      | lnunez@uis.edu.co               | Masculino                    |
| 12 | 17/03/2025 11:56:01 |                                                                                                                                                                     | Mario Audelo              | ESPOCH                                 | Docente      | marioaudelo@gmail.com           | Masculino                    |
| 13 | 17/03/2025 11:56:06 |                                                                                                                                                                     | Mario Rafael Ruiz Varga   | Universidad Francisco Gavidia          | Investigador | mario@ufg.edu.sv                | Masculino                    |
| 14 | 17/03/2025 11:56:36 |                                                                                                                                                                     | Karla Elizabeth Zárate V  | Universidad Francisco Gavidia          | Otro         | kzarate@ufg.edu.sv              | Femenino                     |
| 15 | 17/03/2025 12:01:07 |                                                                                                                                                                     | José Oscariz              | Université Paris Cité & LPNHE/IN2P3    | Docente      | oscariz@in2p3.fr                | Masculino                    |
| 16 | 17/03/2025 15:32:50 |                                                                                                                                                                     | Dennis Cazar Ramírez      | Universidad San Francisco de Quito     | Docente      | dcazar@usfq.edu.ec              | Masculino                    |
| 17 | 17/03/2025 16:02:05 |                                                                                                                                                                     | Alexander Martínez Mer    | UIS                                    | Otro         | mrtinez@gmail.com               | Masculino                    |
| 18 | 24/03/2025 10:32:49 |                                                                                                                                                                     | José Rodrigo Sacahui R    | Universidad de San Carlos de Guatemala | Investigador | jrscachui@profesor.usac.edu     | Masculino                    |
| 19 | 24/03/2025 10:45:39 |                                                                                                                                                                     | Oscar Carrillo            | INSA Lyon                              | Investigador | oscar.carrillo@insa-lyon.fr     | Masculino                    |
| 20 | 24/03/2025 11:13:53 |                                                                                                                                                                     | Justo Hernán Ospino Zú    | Universidad de Salamanca               | Docente      | j.ospino@usal.es                | Masculino                    |
| 21 | 24/03/2025 11:21:22 |                                                                                                                                                                     | Mario Rafael Ruiz Varga   | Universidad Francisco Gavidia          | Investigador | mario@ufg.edu.sv                | Masculino                    |
| 22 |                     |                                                                                                                                                                     |                           |                                        |              |                                 |                              |

20 respuestas



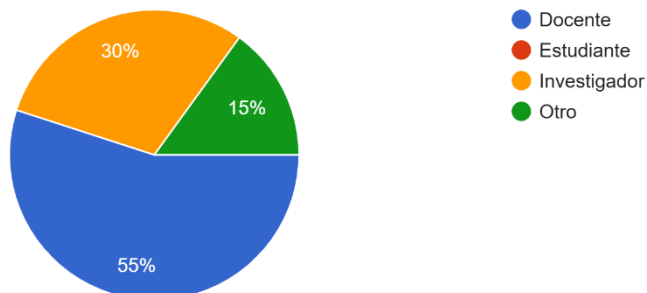
## Institution to which you belong

20 respuestas



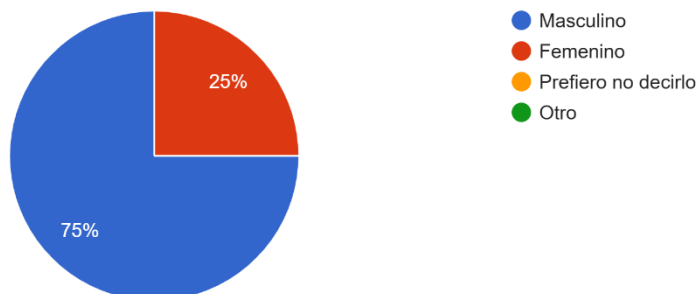
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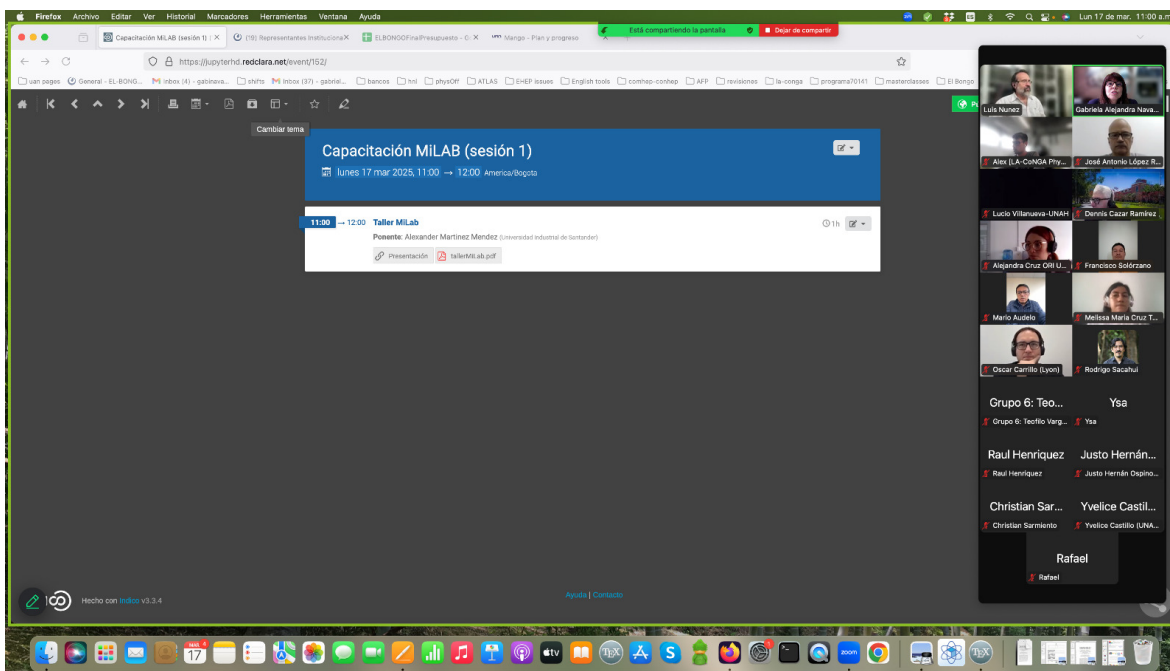
20 respuestas

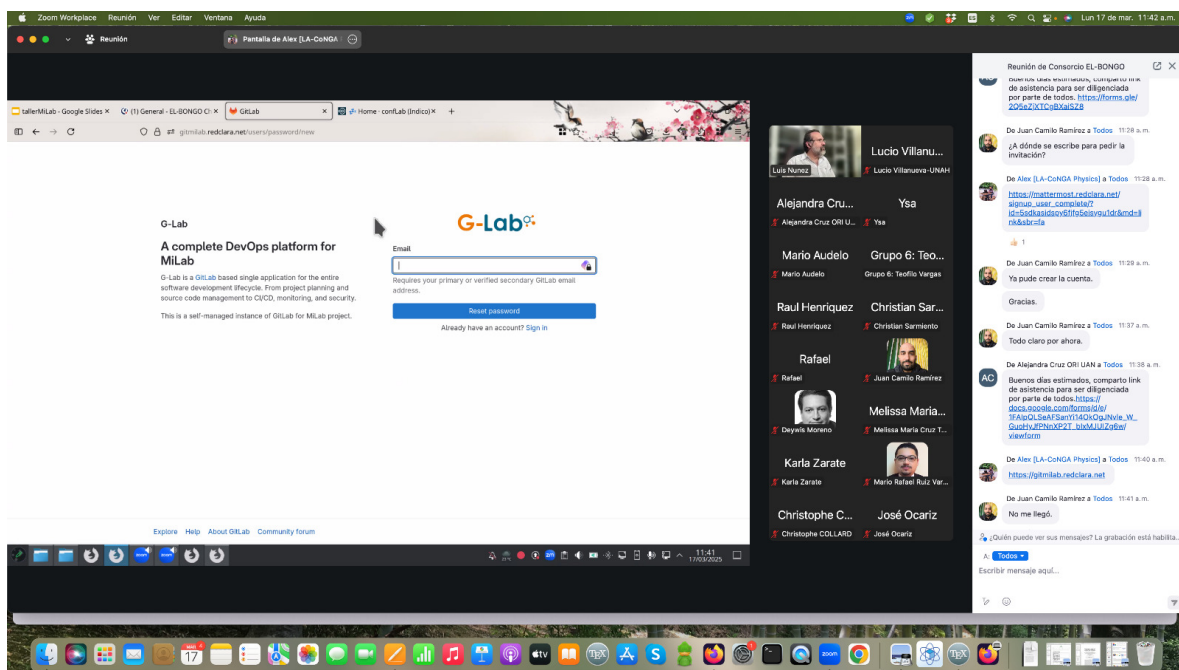


## Please indicate your gender :

20 respuestas







Asistencia Capacitación MILAB (Sesión 2 - 24/03/2025) (respuestas) ☆ 📁 ☁

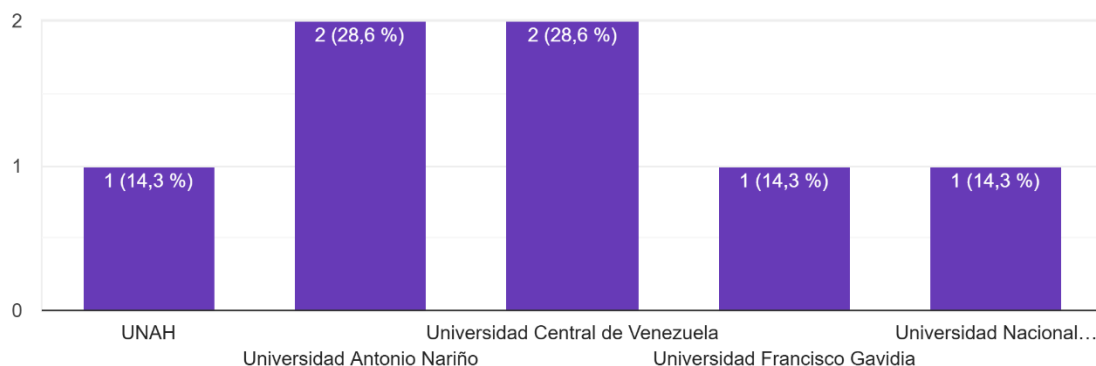
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|   | A                   | B          | C                       | D                                 | E            | F                       | G                            |
|---|---------------------|------------|-------------------------|-----------------------------------|--------------|-------------------------|------------------------------|
| 1 | Form_Responses1     |            |                         |                                   |              |                         |                              |
| 2 | Marca temporal      | Puntuación | Nombre completo         | Institución a la que pertenece    | Rol          | Correo electrónico      | Por favor indique su género: |
| 3 | 22/03/2025 9:18:51  |            | Manuel Rodríguez        | UNAH                              | Docente      | mrodriguez@unah.edu.h   | Masculino                    |
| 4 | 24/03/2025 11:09:22 |            | Mario Rafael Ruiz Varga | Universidad Francisco Gavidia     | Investigador | marior@ufg.edu.sv       | Masculino                    |
| 5 | 24/03/2025 11:09:44 |            | Teofilo Vargas Auccalla | Universidad Nacional Mayor de San | Docente      | tvargas@unmsm.edu.p     | Masculino                    |
| 6 | 24/03/2025 11:10:24 |            | Rafael Martín-Landrove  | Universidad Central de Venezuela  | Investigador | ramarlander@gmail.com   | Masculino                    |
| 7 | 24/03/2025 11:10:58 |            | Roxana Gajardo          | Universidad Central de Venezuela  | Docente      | roxana.gajardo.docencia | Femenino                     |
| 8 | 24/03/2025 11:13:37 |            | Juan Camilo Ramírez     | Universidad Antonio Nariño        | Docente      | juan.ramirez@uan.edu.co | Masculino                    |
| 9 | 24/03/2025 11:32:00 |            | Daniela González Bohór  | Universidad Antonio Nariño        | Otro         | administracion.bongo@   | Femenino                     |

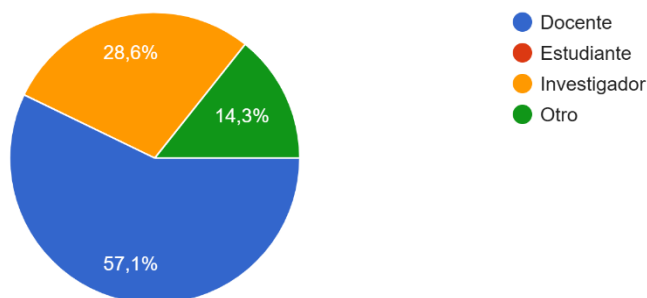
## Institution to which you belong

7 respuestas



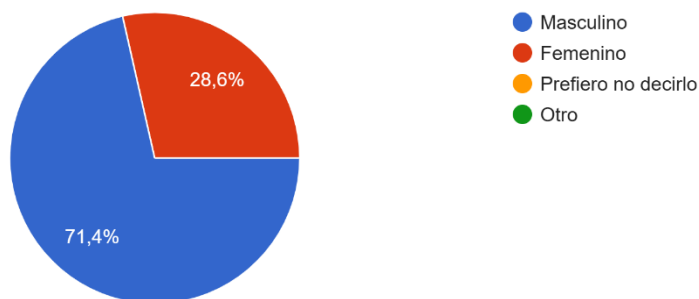
## Role

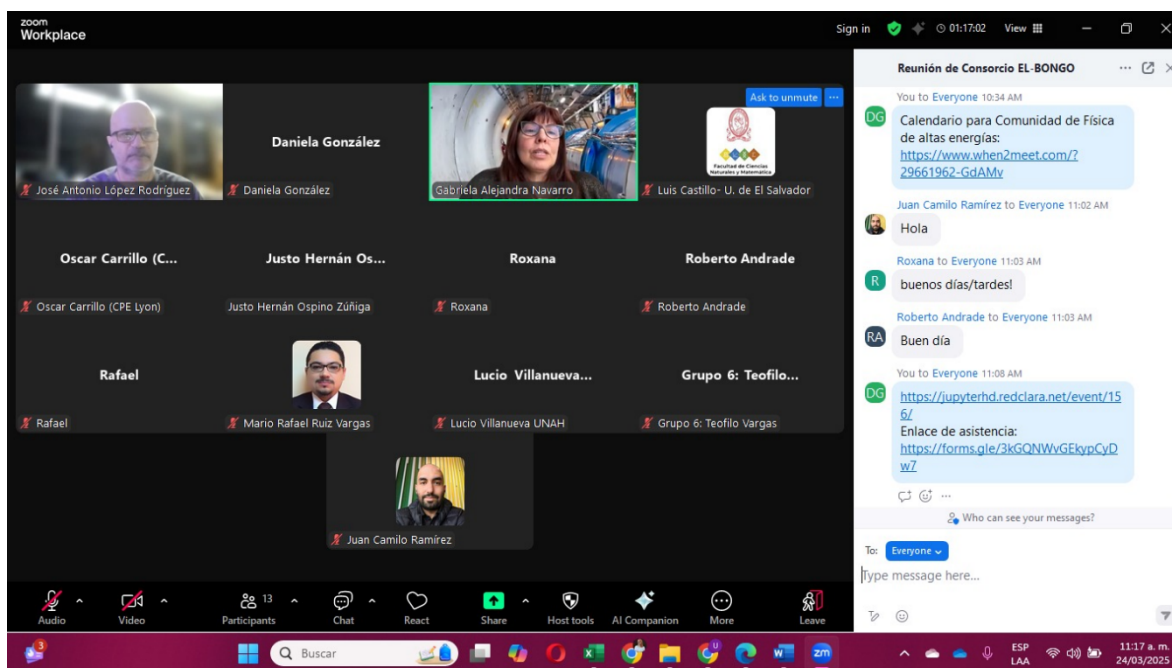
7 respuestas



## Please indicate your gender :

7 respuestas





Asistencia Capacitación MILAB (Sesión 27/03/2025) (respuestas) ☆ 📁 ☁

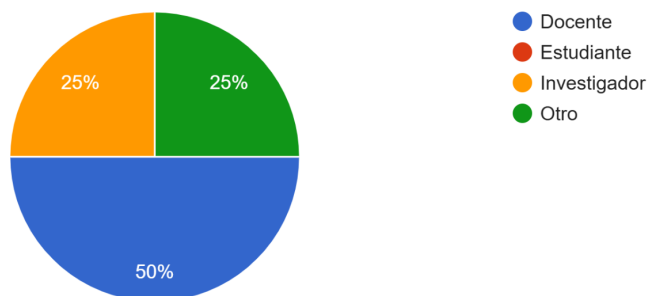
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Menús 100% 123 Roboto 10 B I A

|   | A                  | B          | C                       | D                                  | E            | F                       | G                            |
|---|--------------------|------------|-------------------------|------------------------------------|--------------|-------------------------|------------------------------|
| 1 | Form_Responses1    |            |                         |                                    |              |                         |                              |
|   | Marca temporal     | Puntuación | Nombre completo         | Institución a la que pertenece     | Rol          | Correo electrónico      | Por favor indique su género: |
| 2 | 27/03/2025 9:06:49 |            | Yohany Rodríguez Garcil | Universidad Antonio Nariño         | Docente      | yohani.rodriguez@uan.e  | Masculino                    |
| 3 | 27/03/2025 9:37:37 |            | Mario Audelo Guevara    | ESPOCH                             | Docente      | maudelo@esPOCH.edu.e    | Masculino                    |
| 4 | 27/03/2025 9:39:13 |            | Nidia Milena Jaimes Pa  | UIS                                | Otro         | relextconvenios@uis.edi | Femenino                     |
| 5 | 27/03/2025 9:40:05 |            | Ana Beatriz Cosenza M.  | Escuela de Ciencias Físicas y Mate | Investigador | bcosenza@ecfm.usac.ei   | Femenino                     |
| 6 |                    |            |                         |                                    |              |                         |                              |

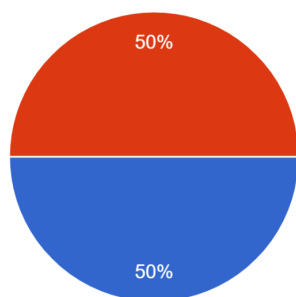
Role

4 respuestas



Por favor indique su género:

4 respuestas



- Masculino
- Femenino
- Prefiero no decirlo
- Otro

Video link: <https://www.youtube.com/watch?v=2LnZ676p-zk>