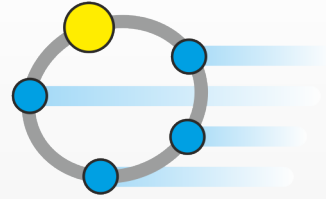


GEOGEBRA IN A WHOLE COUNTRY: WHAT WE LEARNT IN URUGUAY



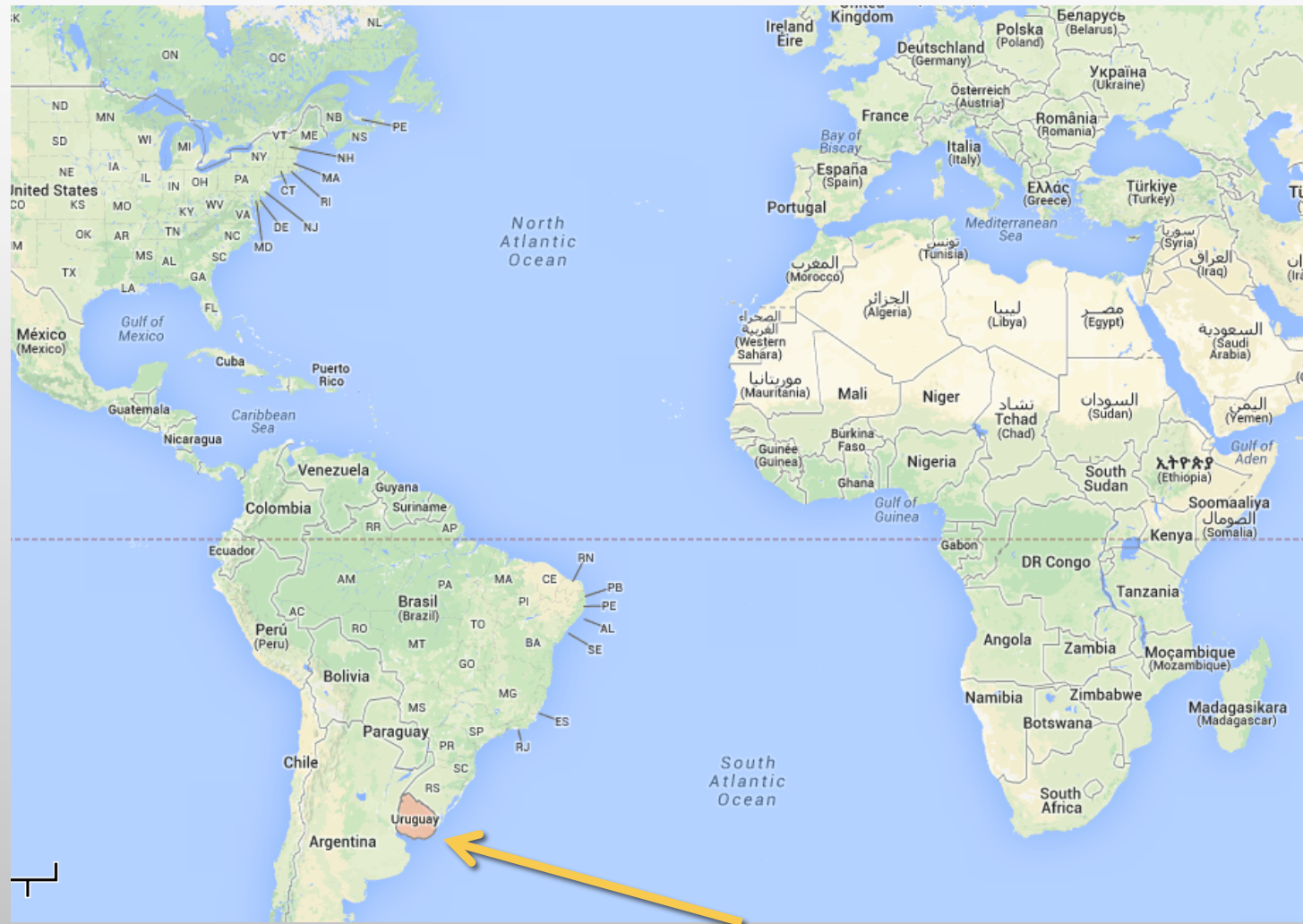
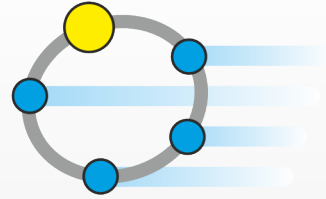
Budapest, January 23rd, 2014

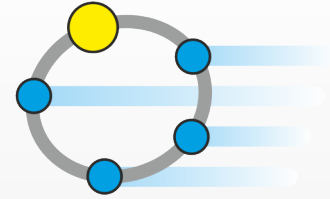
Fabián Vitabar

fabian@geogebra.org.uy



Uruguay



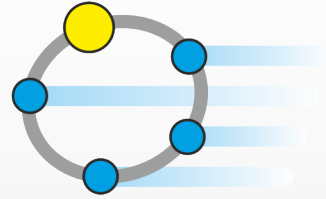


We'll talk about

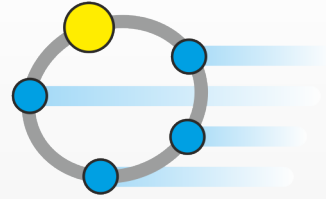
- Free laptops for students and teachers during the last six years
- Concerns
- Projects
- GeoGebra Institute activities
- Latin America network

Point of view

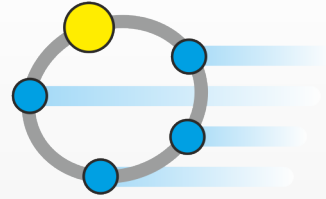
- Ordinary schools
- Teacher training
- Inservice teacher training



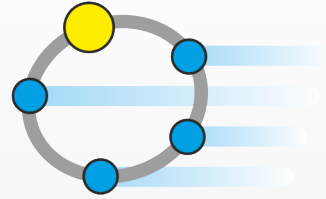
Two paths join



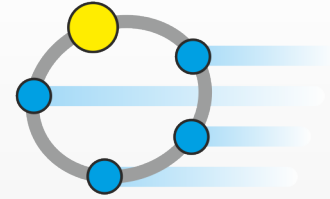
Teachers' concerns about how to include ICT in the classroom



An opportunity

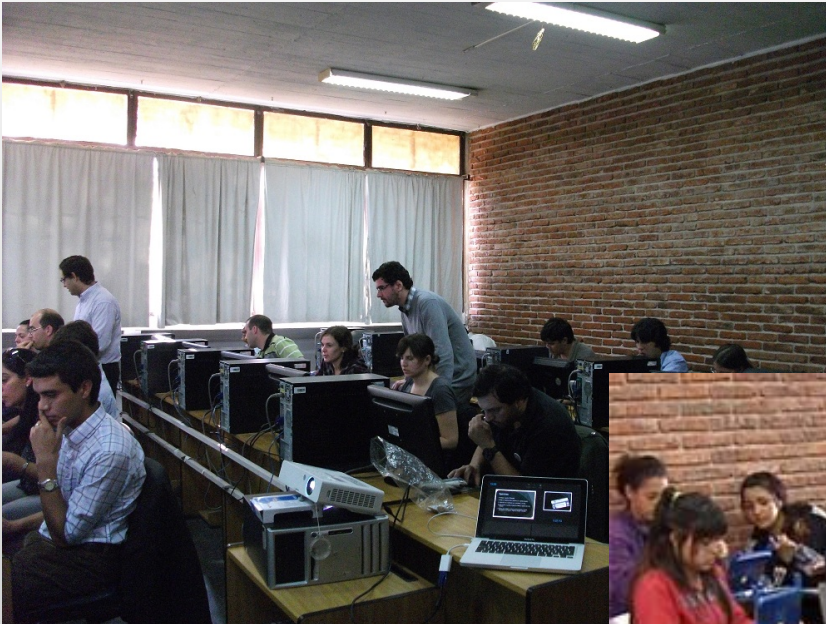


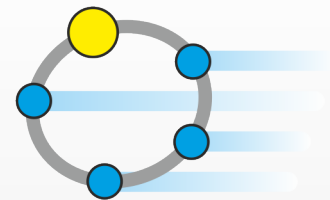
Plan Ceibal



Nowadays:

- Everyone, teachers and students know GeoGebra

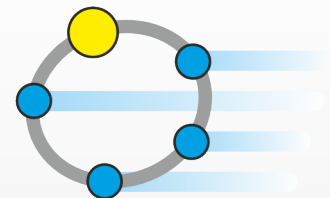




Several projects started

- Local GI is involved
- Workshops for primary school teachers
- Workshops for secondary school teachers
- Workshops for technical school teachers
- Workshops in teachers training institutes

A special project: Laboratorio GeoGebra



- Laboratoriogeogebra.depdematematica.org

The screenshot shows the homepage of the Laboratorio GeoGebra Uruguay website. At the top, there is a dark blue header. Below it, the logo (a circular network of nodes) is on the left, and the text "Laboratorio GeoGebra Uruguay" is in the center. A navigation bar contains links: "Índice general", "Quiénes Somos", "FAQ", "Registrarse", and "Identificarse". To the right of these links is a search bar with the placeholder "Buscar..." and an "OK" button. Below the navigation bar, the "Índice general" link is highlighted. The main content area is titled "Acerca de Laboratorio GeoGebra Uruguay". It has two sections: "Quiénes somos" and "¿Quieres integrarte al equipo?". The "Quiénes somos" section describes the group as students and teachers from the Instituto de Profesores 'Artigas' (Montevideo, Uruguay) who are developing a virtual community for the use of GeoGebra software. The "¿Quieres integrarte al equipo?" section states that users only need to register on the site to participate and that their contributions (including questions) will be valuable to everyone.

Laboratorio GeoGebra Uruguay

Índice general Quiénes Somos FAQ Registrarse Identificarse Buscar... OK

Índice general

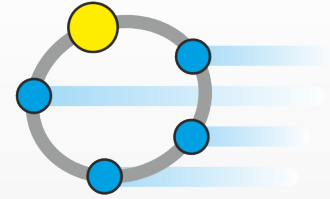
Acerca de Laboratorio GeoGebra Uruguay

Quiénes somos

Somos un grupo de estudiantes y docentes del Instituto de Profesores 'Artigas' (Montevideo, Uruguay), de la especialidad Matemática, que estamos impulsando el desarrollo de una comunidad virtual que permita dar aportes significativos para el buen uso del software GeoGebra en las aulas de Matemática.

¿Quieres integrarte al equipo?

Sólo tienes que registrarte en el sitio, y comenzar a participar. Nada más. No dudes en hacerlo, porque indudablemente tu aporte (incluyendo tus preguntas) serán de riqueza para todos.



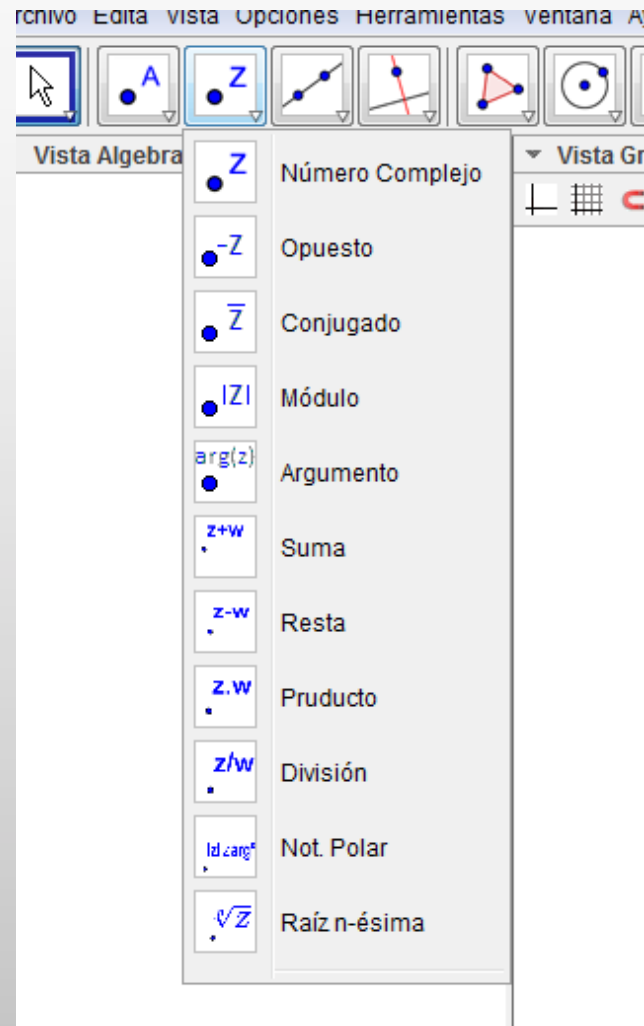
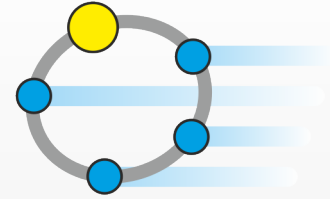
Development examples

Adding integers – after

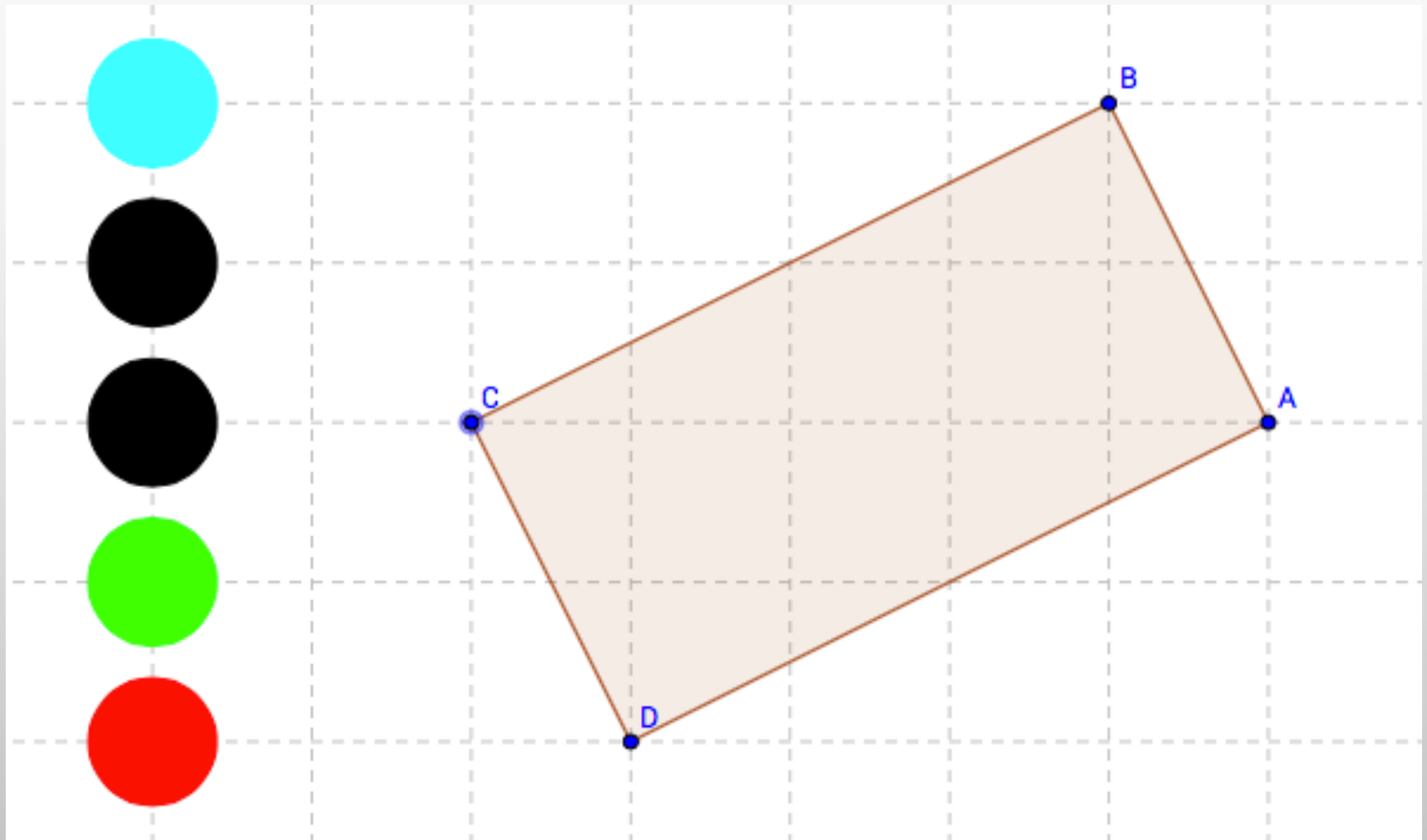
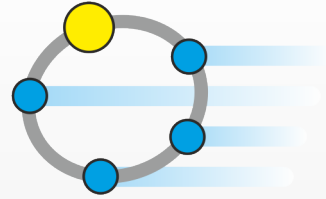


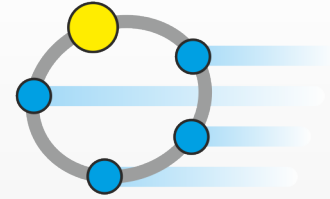
Adding integers – before

Complex numbers



Whimsical colours





Online workshops and courses

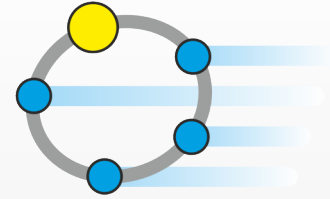
Introducción al uso didáctico de GeoGebra

nivel avanzado



Guía de contenidos

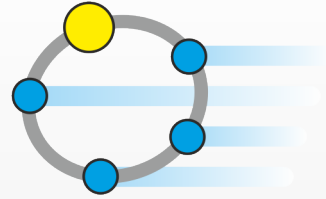
Presentación
Acerca de la guía de contenidos
Evaluación
Cronograma
Módulo 1
Módulo 2
Módulo 3

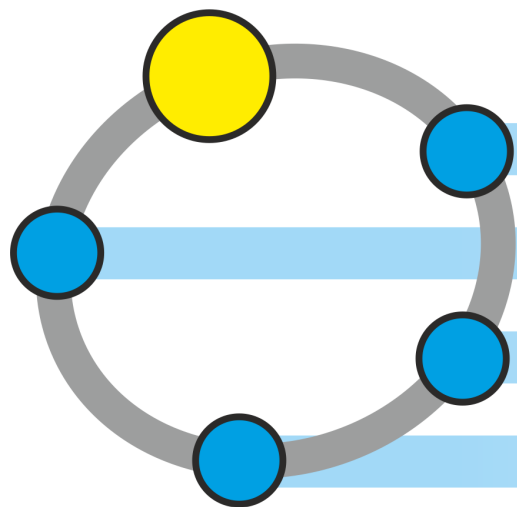


What did we learn?

- GeoGebra is powerful
- Power makes sense inside the classroom
- Teacher workshops must be focused on didactical topics
- Most teacher must be accompanied to their classrooms
- Repositories are useful, but not enough
- Sharing experiences is more effective than sharing resources
- Local adaptation is a good first step

Any question?





Instituto
GeoGebra
Uruguay

THANK YOU

www.geogebra.org.uy

fabian@geogebra.org.uy