

0 Introduction

The Instituto GeoGebra de Galicia (IGG) was founded in November, 2010. It is part of the Asociación Galega de Profesorado de Educación Matemática (AGAPEMA).

1 People

Along the year 2012, six new members are associated. Actually there are 30 members of the IGG.

2 Training and Support

- Elaboration of material for the virtual in-service training course (30 hours) *“GeoGebra: redescubir a xeometría”* (February- May, 2012), sponsored by Department of Education of the Xunta de Galicia.
- Elaboration of material for the virtual in-service training course (60 hours) *“Introducción a GeoGebra 4 en Educación Secundaria - 2012-CFD-GEOG”* (April- July, 2012), sponsored by the Federación Española de Sociedades de Profesores de Matemáticas (FESPM).
- Different members of the IGG have developed both courses.
- Training course for secondary teachers (30 hours) *“Introducción a GeoGebra 4 en Educación Secundaria - 2012-CFD-GEOG”* (July, 2012), on the Mathematics Faculty at the University of Santiago de Compostela.
- Participation in the 2nd Day GeoGebra, Segovia Campus, University of Valladolid (11/24/2012), with two presentations and a workshop by members of the IGG.
- Participation in the VI Congreso de AGAPEMA (September, 2012), with the workshop *“Traballando as TIC con GeoGebra 4. Unha análise da elipse e da hipérbola como lugares xeométricos. Distribucións de probabilidade”*.
- Participation in the XXV Conference of ENCIGA, Ensinantes de Ciencias de Galicia (November, 2012), with the workshop *“Afianzando GeoGebra 4 con probabilidade e cónicas”*.

3 Development and Sharing

- IGG members are still working on the translation of GeoGebra 4 to Galician.
- The papers produced by members of the IGG, as well as the communications and collaborations presented in conferences and meetings, are published on these webs:
 - Web page of the IGG: geogebra.agapema.org
 - Web page of the XeoDin group: <http://www.xeodin.com>
 - Web page of Ignacio Larrosa Cañestro : www.xente.mundo-r.com/ilarrosa/GeoGebra/

4 Research and Collaboration

5 Outreach

6 Publications

- Gesteira Losada, Esperanza; Larrosa Cañestro, Ignacio; Zacarías Maceiras, Fernando; Pereiro Carbajo, Débora; Rodríguez Somoza, Aia; de la Torre Fernández, Enrique. (2012) “Traballando as TIC con GeoGebra 4. Unha análise da elipse e da hipérbole como lugares xeométricos. Distribucións de probabilidade”, *Actas do VI Congreso de AGAPEMA (7-8/09/2012)*, Santiago de Compostela.
- Gesteira Losada, Esperanza; Larrosa Cañestro, Ignacio; Zacarías Maceiras, Fernando; Pereiro Carbajo, Débora; Rodríguez Somoza, Aia; de la Torre Fernández, Enrique. (2012) “Afianzando GeoGebra 4 con probabilidade e cónicas”, *Actas do XXIV Congreso de ENCIGA, (22-24/nov./2012)*, Santiago de Compostela.
- Gesteira Losada, Esperanza; Larrosa Cañestro, Ignacio; Zacarías Maceiras, Fernando; de la Torre Fernández, Enrique. (2012) “Taller. Afianzando GeoGebra 4 con cónicas y probabilidad”, *Día GeoGebra (24/nov./2012)*, Campus de Segovia, Universidad de Valladolid. <http://diageogebra.info>.
- García Agra, Dolores Pilar (2012) “Funciones con GeoGebra 4: Una experiencia en el aula”, *Día GeoGebra (24/nov./2012)*, Campus de Segovia, Universidad de Valladolid. <http://diageogebra.info>.
- Sánchez Pereira, Iván (2012) “Delfines en GeoGebra. Bolzano, Rolle & Weierstrass”, *Día GeoGebra (24/nov./2012)*, Campus de Segovia, Universidad de Valladolid. <http://diageogebra.info>.