eSchoolnet
Virtual School

Mathematics *department*

Generalitat de Catalunya
Departament d'Ensenyament

With the collaboration of

Sun microsystems

With the aim of contributing to the quality of Math teaching and of disseminating the outcomes resulting of the integration and use of **Information and Communication Technology**, the **Virtual School** of the **European Schoolnet (EUN)**, through its **Department of Mathematics**, and the **the Ministry of Education of the Generalitat de Catalunya** (Catalan Autonomous Government), through **SGTI** (Subdirecció General de Tecnologies de la Informació - ICT in Education Unit), with the collaboration of **SUN Microsystems**, convoked to the **TEACHMATH EXCELLENCE'2002** contest of **Mathematics Teaching Actions**.

TeachMath Excellence'2002

1st European Contest of Mathematics Teaching Actions

This contest was addressed to European teachers of any European education institution working on the integration of **ICT** in the teaching of Maths as a way of stimulating new and fruitful ways of acquiring the **concepts** and **conceptual systems**, **procedures** and **values** that are specific to mathematics science.

Jury

The jury of the **TEACHMATH EXCELLENCE'2002** contest, constituted on December 20th of 2002, was composed of the following members:

- **Ivo De Pauw**, from **Virtual School Mathematics Department** Planning Team.

- **Ivan De Winne**, from **Virtual School Mathematics Department** Planning Team.

- **Katarina Lindgren**, from **Virtual School Mathematics Department** Planning Team.

- **Antoni Gomà**, representative of Catalonia/Spain in the **Virtual School** working group, acting as **Jury Secretary**.

- **Kerstin Olofsson**, from **Virtual School Mathematics Department** Planning Team.

- **Carles Romero**, from **Virtual School Mathematics Department** Planning Team, acting as **Jury Chairman**.

Materials and participants

- **"AgentGeom"** at:

  http://intermat.uab.es/intermates/activitats/tfc/index.jsp

  Author/s: Josep M. Fortuny *et al.*, from Catalonia, Spain.

- **"Elementi di Statistica e Probabilità con l'ausilio delle calcolatrici grafiche"** at:

  http://www.bdp.it/set/area1_esperienzescuole/cm131/5.htm

  Author/s: Aurelia Orlandoni *et al.*, from Italy.

- **"FlashMaths for LIVE"** at:

  http://www.vibos.de/

  Author/s: Harald Krauß, from Germany.

- **"Geometría Dinámica del Triángulo"** at:

  http://almez.pntic.mec.es/~jdec0000/geometria_dinamica_del_triangulo/

  Author/s: Javier de la Escosura Caballero, from Astúries, Spain.

- **"Geometry and Logo"**

  Author/s: Scotto di Clemente Graziano *et al.*, from Italy.

- **"How to learn from and make history in maths"** at:

  http://mathsforeurope.digibel.be

  Author/s: Marie-Thérèse Loeman, from Belgium.

- **"ICTmat31 (English), ICTwisk (Dutch)"**

  Author/s: André De Meester, from Belgium.

- **"INTERGEO - The Interactive Geometry"** at:

  http://www.intergeo.home.pl

  Author/s: Dorota Kowalczyk, from Poland.

- **"Introduction to differential calculus"**

  Author/s: Jesper Matthiasen *et al.*, from Denmark.

- **"Mathematics Interactive Online"** at:

http://193.170.239.40/mo1/frameset.htm

Author/s: Günther Gsaller, Hans Wilding *et al.*, from Austria.

- **"Polyominoes: pentominoes and tetrominoes"** at:

  http://www.pentomino.be.tf/

  Author/s: Odette De Meulemeester *et al.*, from Belgium.

- **"Probabilistic Learning Activities Network"** at:

  http://www.planetqhe.com

  Author/s: David Kay Harris, from France.

- **"PROJECT 6L11"** at:

  http://www.gnomon.be

  Author/s: Luc Gheysens *et al.*, from Belgium.

- **"Rekenen in Z"**

  Author/s: Willem Beeuwsaert, from Belgium.

- **"The computer improves the teachers repertoire"** at:

  http://home.planet.nl/~leclu012

  Author/s: Ton Lecluse, from Netherlands.

- **"Visualize mathematics with VisuMath"** at:

  http://www.visumath.be

  Author/s: Ignace Van de Woestyne, from Belgium.

- **"Wiskunde Overal (Mathematics Everywhere)"** at:

  http://www.wiskunde.educations.net

  Author/s: Hans Bekaert *et al.*, from Belgium.

- **"Wiskunde1.StartTips.com"** at:

  http://Wiskunde1.StartTips.com

  Author/s: Daniel Jacques, from Belgium.

- **"Wiskundehoekje (Mathematical corner)"** at:

http://home.pi.be/ursula/wi-frame.htm

Author/s: Guy Gijbels, from Belgium.

Awards

The Jury wishes to congratulate all the participants for their valuable work, although most of the presented projects missed more detailed descriptions of aspects contained in the rules 5, 6 and 7 of the contest allowing them to be considered properly **Mathematics Teaching Actions**.

After assessment of all the presented works, the Jury has decided to award ex-aequo the two following projects:

- **Prize to:**

"Geometría Dinámica del Triángulo", by
Javier de la Escosura Caballero, from Asturias (Spain).

The jury has appreciated the very creative use of the applet *Descartes* in building teaching actions proposing to the pupils a set of smart combinations of ICT use with traditional compass and rule work.

- **Prize to:**

"Visualize mathematics with VisuMath ", by
Ignace Van de Woestyne, from Belgium.

The jury has assessed very positively the great amount of capabilities of the software that the project includes.

Each one of the prices consists in a **Sun Cobalt Qube 3** server.

The jury wishes to congratulate and encourage all participants to go on exploiting creativity and mastery in teaching mathematics with smart use of ICT.

Signed by:

- Carles Romero, (*cromero@pie.xtec.es*).
- Antoni Gomà, (*agoma@pie.xtec.es*).

Barcelona (Catalonia, Spain) the february twelveth, 2003.

Barcelona, 25 Febrero 2003

Javier de La Escosura Caballero
c/ Tomás Crespo, nº16, 5ºH
33013 Oviedo (Principado de Asturias)
España

Estimado señor:

Nos dirigimos a usted para felicitarle por su valiosa participación en el concurso TeachMath Excellence 2002, concurso organizado por la Consejería de Educación catalana en colaboración con la Virtual School y patrocinado por la empresa Sun.

Nos es grato enviarle el diploma que lo acredita como ganador, así como el premio obtenido, un servidor Sun Cobalt Qube 3.

Esperamos poder seguir contando con su colaboración.

Atentamente,

Ferran Ruiz
Director

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Generalitat de Catalunya
Departament d'Ensenyament

La Subdirección General de Tecnologías de la Información otorga este diploma a

Javier de la Escosura Caballero

como ganador del concurs TeachMath Excellence 2002,

por las actividades didácticas *Geometría Dinámica del Triángulo*

Barcelona, 25 febrero 2003

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El director