

## Top 2008 Ibero-American Student Projects

The **II Ibero-American Student Contest** (CONIBES) was extremely successful with students from over **25 universities** located in **10 different countries** of the Americas and the Iberian Peninsula presenting projects. The top three projects, as placed by our panel of judges, received an **HP Tablet PC**. The main goal of **CONIBES** was to inspire original innovation in sustainable technologies.

The winners are:

### First Place



**Name(s):** Marcelo Miguel Zúñiga Salazar

**University:** Escuela Politécnica del Ejército in Ecuador

**Project:** Síntesis de un Sorbente Híbrido Aplicado en la Remoción Selectiva de Arsénico desde Aguas Superficiales Contaminadas

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### Second Place



**Name(s):** Ulises Gordillo Zapana, Juan W. Alfaro Zavala, Gustavo A. Quispe Apaza

**University:** Universidad Nacional de San Agustín

**Project:** Diseño e Implementación de un Brazo Robot Teleoperado por Señales Microeléctricas

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### Third Place

**Name(s):** Cláudia Neiva Duarte, Jean Henrique Pereira de Carvalho

**University:** Universidad de São Paulo

**Project:** Fosfoyeso en Cerámica Roja para Fabricación de Ladrillos

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## Special Recognition



**Name(s):** Stalin David Jiménez Miranda

**University:** Universidad Técnica Particular de Loja

**Project:** Diseño de un Controlador Electrónico para Ahorro de Energía en Equipos Conectados a la Red Eléctrica de Baja Tensión

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## Special Recognition

**Names(s):** Bruno Mauricio Valarezo Correa, Diego Alexander Sarango Torres

**University:** Universidad Técnica Particular de Loja

**Project:** Diseño e Implementación de un Robot Móvil Clasificador de Objetos Basado en Visión Artificial

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## Special Recognition

**Names(s):** Federico Martin Martin

**University:** EUP - Universidad de Málaga

**Project:** Highly Scalable and Reconfigurable Microcontroller-Based Decentralised Logic Controllers for Manufacturing Systems

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### Top 2008 Sun Microsystems Student Projects

Students participating in the Ibero-American Student Contest were also eligible for the Sun Microsystems track. To compete in this track students had to present a project in either **Control and Robotics** or **Development of Software and Hardware**. The second stipulation was that students use an open source program developed by Sun Microsystems such as Netbeans, Java, or Solaris. The top projects in this track received a Sun Ultra Workstation.

The goal for this track was to inspire development in robotic and software technologies to solve problems in local industries or communities that would generate social and economic benefits.



The winners are: **First Place**

**Names(s):** Virginia Pujols Montilla, Mirna de Jesus Cambero

**University:** Instituto Tecnológico de Las Américas

**Project:** JCLASSROOM

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### Second Place



**Names(s):** Adonis Dario Figueroa Asanza, Carlos Gustavo Mendoza Garófalo, María Verónica Escobar Avilés

**University:** Escuela Superior Politécnica del Litoral

**Project:** Análisis, Diseño a Implementación de un GIS Aplicando el Modelo de Contaminación de Fuentes Agrícolas no Puntuales y de un Modelo Bayesiano que Permita Ponderar el Impacto de la Aplicación de Pesticidas.

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### Third Place



**Names(s):** David Escobar Sanabria

**University:** Universidad Nacional de Colombia

**Project:** Desarrollo de Sistema Distribuido de Identificación de Sistemas Dinámicos, Síntesis de Controladores, Manejado Desde Internet para Controlar Robot Móvil Dedicado a Estudios Físicos en el CAMPO...

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### Special Recognition

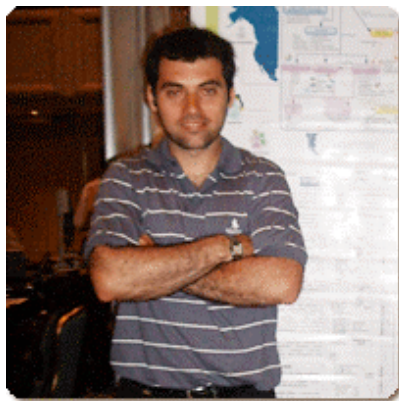


**Names(s):** Sergio Diego Valencia Cardona, Juan Pablo Delgadillo Vargas, Rommel Chive Peñaranda

**University:** Universidad Privada Boliviana

**Project:** An Efficient Prototype to Track the Solar Energy Radiation

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### Special Recognition

**Names(s):** Boccalari Cristian Lujan

**University:** Universidad Nacional de La Plata

**Project:** Integrando Búsquedas de Información en Mediawiki, Mantis BT y Subversion Mediante un ESB