



*Setting the Standard for Automation™*

# District 12 Student Activities Yesterday, Today, Tomorrow

Alexander V. Bobovich, SUAI, Russia

Standards

Certification

Education & Training

Publishing

Conferences & Exhibits

# Contents

---

1. The District 12 Student Committee
2. The history
3. Student activities yesterday and today
4. Student section features
5. What we need for successful student section activities
6. The future

# 1. The District 12 Student Committee

The committee was created in February 1998 at the European region meeting in Rome. It includes:

- **Alexander V. Bobovich** (chairman) – SUAI, St.-Petersburg, Russia
- **Hassan Z. Al-Garni** – Jubail, Saudi Arabia
- **Harvey Makin** – Cork, Ireland
- **Isabel Vidal** – Santiago de Compestela, Spain
- **Jesus M. Zamarreno** – Valladolid, Spain
- **Jose-Manuel Aragon Romeo** – Madrid, Spain
- **Jose Teruel Carrillo** – Cartagena Murcia, Spain
- **Mario Collotta** – Kore University, Enna, Italy
- **Moustafa Elshafei** – Dhahran, Saudi Arabia
- **Orazio Mirabella** – Catania University, Italy
- **Pascual Campoy** – Madrid, Spain
- **Patrick McCarthy** – FAS Training Centre, Ireland

# 1. The District 12 Student Committee

There are now 12 active student sections in District 12:

- Catania University, Italy
- Cork Institute of Technology, Ireland
- FAS Training Centre, Cork, Ireland
- Jubail Industrial College, Saudi Arabia
- King Fhad University of Petroleum & Minerals, Saudi Arabia
- Kore University, Enna, Italy
- San Juan Bosco Cartagena, Spain
- St.-Petersburg State University of Aerospace Instrumentation, Russia
- Universidad Complutense de Madrid, Spain
- Universidad Politecnica de Madrid, Spain
- University of Santiago de Compostela, Spain
- Valladolid University, Spain

## 1. The District 12 Student Committee

---

We have **474** student members in District 12 at August, 2011.

## 2. The history

The idea about creation of the first European region student section was given by **Pino Zani** (European region treasurer) during his and ISA former presidents (**Ives CB Jr** and **Howard Zinschlag**) visit to St.-Petersburg, Russia in 1994!



## 2. The history

We started the creation process in St.-Petersburg State Academy of Airspace Instrumentation in 1994 and continued in Milano at 1995 during BIAS'95 days. We had joint Italian-Russian meeting where some Italian ISA members sponsored 20 Russian students.

## 2. The history



Joint Italian-Russian meeting at 1995.

## 2. The history

Sponsors were:



***Pino Zani***  
(A.P.I.)



***Augusto Mansutti***  
(Thermitalia)



***Maurizio  
Brancaleoni*** (Auma)



***Walter Rampini***  
(BIAS)

... and others

## 2. The history

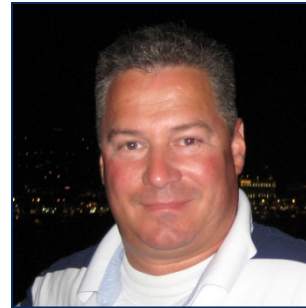
Many thanks for many years help to District 12 Student Activities to District's officers and ISA staff.



*Maurizio  
Brancaleoni*



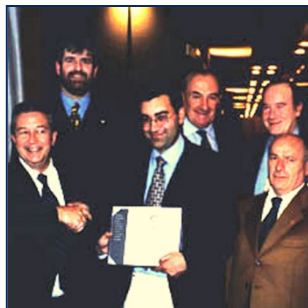
*Cor van  
Rauwendaal*



*Taco Coolen*



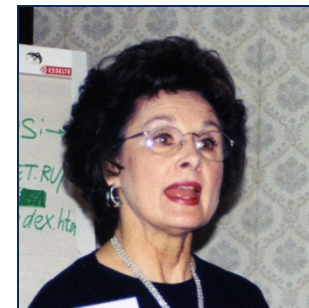
*David Keast*



*Declan Lordan, David  
Norman, Pino Zani*



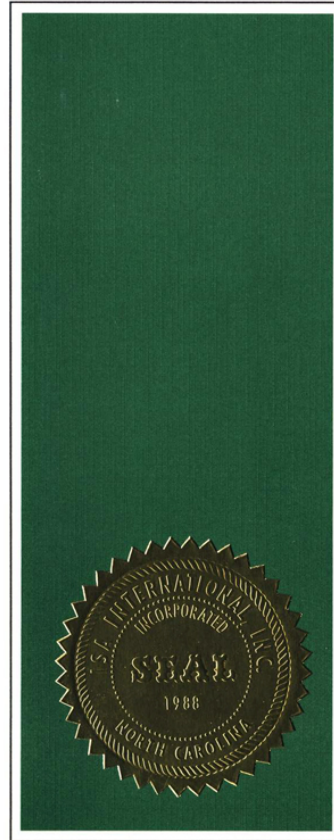
*Sally Walter*



*Laura Crumpler*

## 2. The history

The St.-Petersburg State Academy of Airspace Instrumentation Student Section Charter – the first European region student section charter – was approved at October 3, 1995! This day is now birthday of District 12 Student Activities!



**ISA INTERNATIONAL**



**Charter**  
presented to

**St. Petersburg State Academy of Aerospace  
Instrumentation Student Section**

**Chartered by Council Action  
October 3, 1995**

**ISA INTERNATIONAL**

*an organization for advancing the arts and sciences  
related to the theory, design, manufacture and use of  
instrumentation, computers and systems for measurement  
and control in the various sciences and technologies for  
the benefit of mankind.*

Chairman *James W. Meehan*

## 2. The history

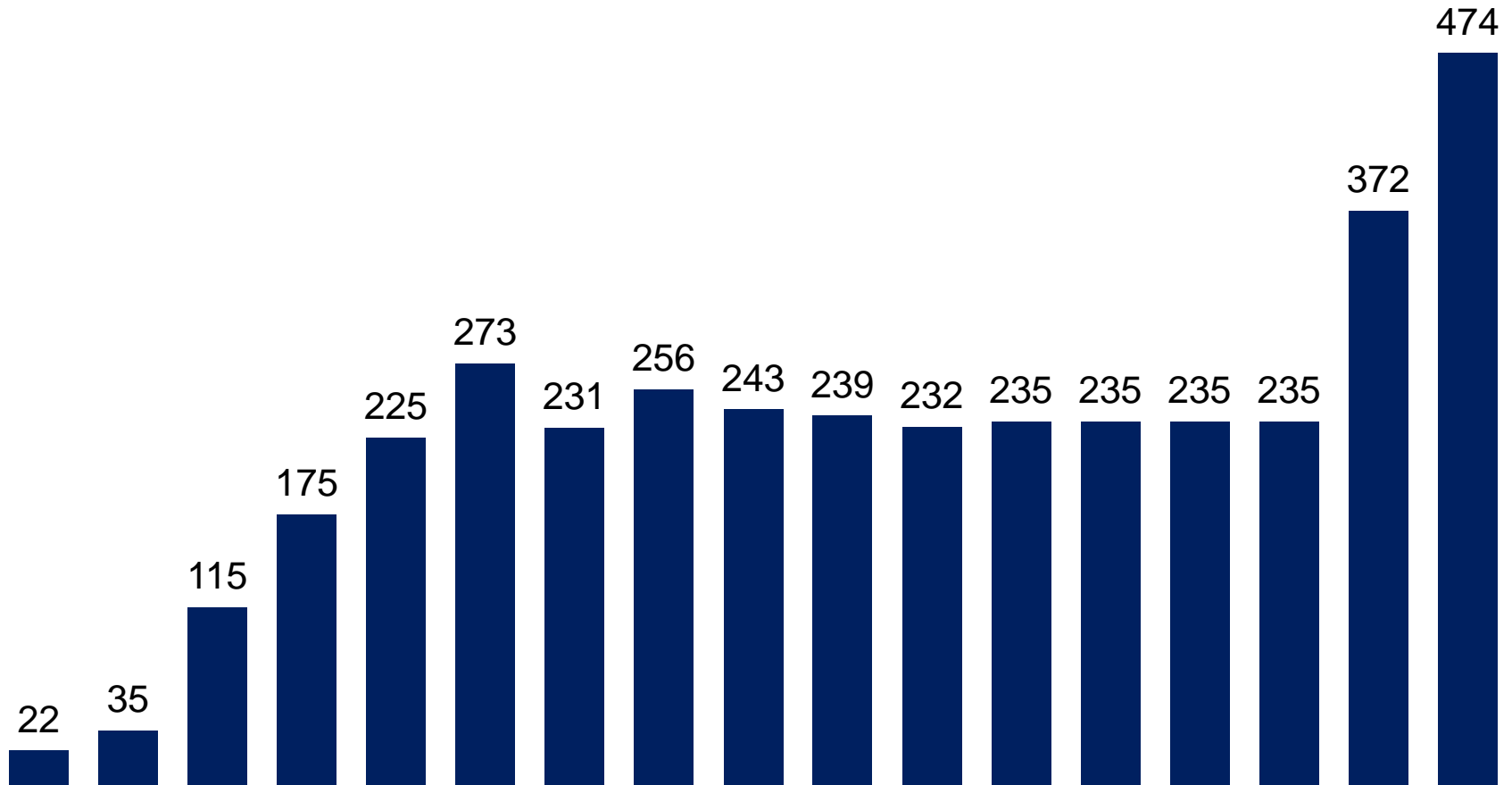


The first District 12 Students Section Charter was passed by ISA president Ronald Jones and European region chairman Maurizio Brancaleoni to Russian students-participants of the International Student Competition in Chicago in 1996.

***District 12 Student Activities Yesterday, Today, Tomorrow***

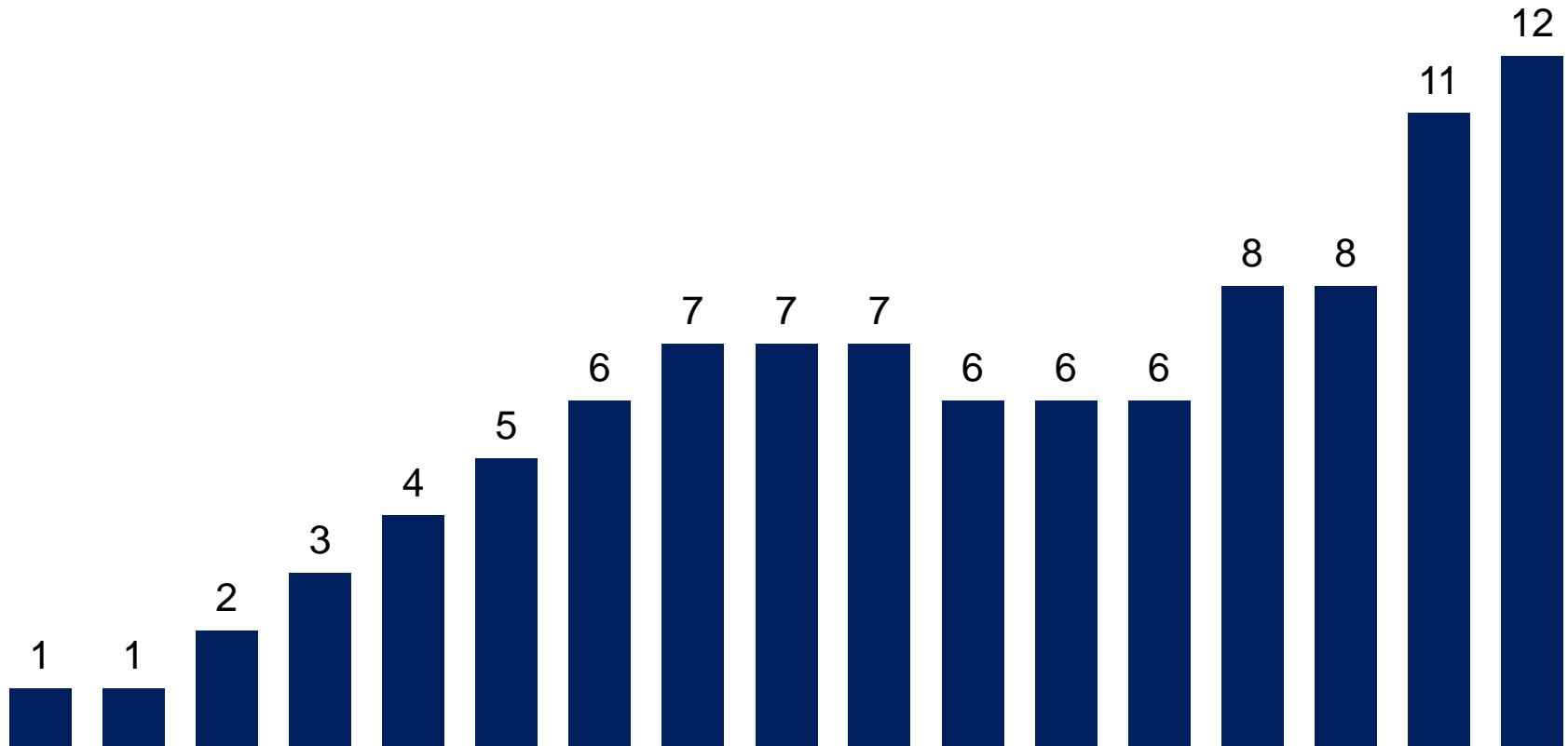
## 2. The history

District 12 Student numbers (by years)



## 2. The history

### Growth of the District 12 Student Sections



*District 12 Student Activities Yesterday, Today, Tomorrow*

### 3. Student activities yesterday and today

ISA International Student Competition (games from 2002).



During many years it was a main item of student activity. We started participate in that event in 1995 at New Orleans.

### 3. Student activities yesterday and today

Then we took part in Int'l competition at Chicago and Anaheim.



Chicago, 1996



Anaheim, 1997

### 3. Student activities yesterday and today



At Houston, 1998 there was the first joint Italian-Russian team.

### 3. Student activities yesterday and today



European students have shown the best results and got the silver medals at Philadelphia in 1999.

***District 12 Student Activities Yesterday, Today, Tomorrow***

### 3. Student activities yesterday and today



Students got bronze medals at New Orleans in 2000.

### 3. Student activities yesterday and today



Our team got gold and silver medals at Houston in September 2001.

***District 12 Student Activities Yesterday, Today, Tomorrow***

### 3. Student activities yesterday and today



The CU, CIT, SUAI sections got \$500 award for ISA publication.

### 3. Student activities yesterday and today

ISA Students Competition is a very important event, because students not only take part in student program, but they really take part in technical program: sessions, round tables, panels, exhibitions, conferences. It is very important for future career!



### 3. Student activities yesterday and today

District 12 Student Paper Competition (ESPC).



We organized this event in 1997.

### 3. Student activities yesterday and today



Students-winners of the ESPC get medals and diplomas from the name of the District 12 Council.

***District 12 Student Activities Yesterday, Today, Tomorrow***

### 3. Student activities yesterday and today

#### District 12 Student Research Long Distance Conference.

Usually we organize this conference via Internet at April every year during International Student Research Conference of SUAI. Students from many European and American Universities participate at this event.

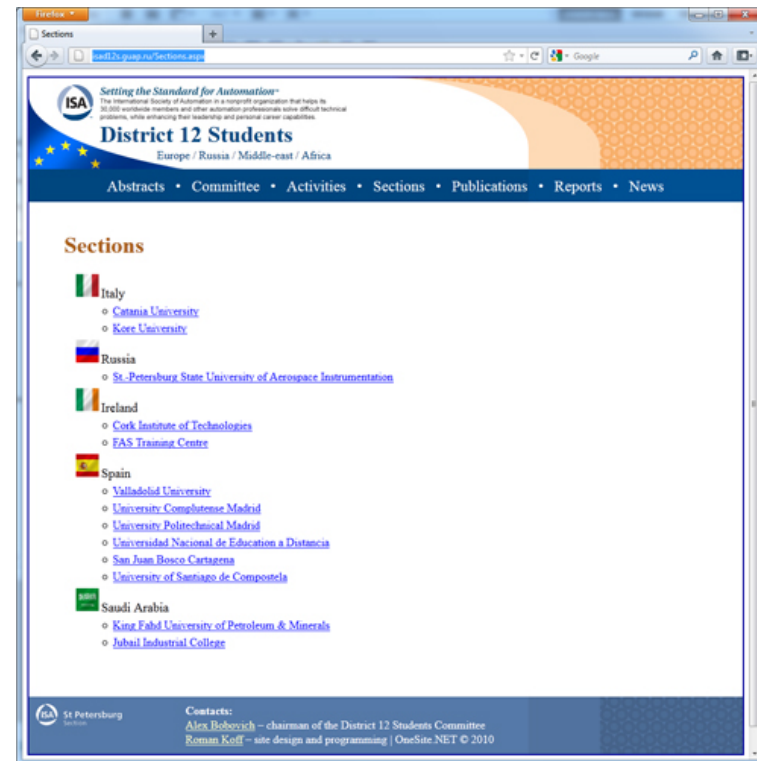


During many years, former ISA president Gerald Cockrell manages this conference.

## 3. Student activities yesterday and today

### District 12 Student Committee and student section sites.

From the first day of student activities we try to use information technologies. Russian section site was created in 1995 and District 12 student site was open in 1996.



Now all sections have sites.

***District 12 Student Activities Yesterday, Today, Tomorrow***

### 3. Student activities yesterday and today

#### Joint meetings.

These are very interesting events, especially for young people. It is not easy to organize that events but we did it many times.



The first meeting was held in 1996. It was Italian-Russian joint meeting. Dott. Ing. **Augusto Mansutti** was the leader of that meeting.

***District 12 Student Activities Yesterday, Today, Tomorrow***

### 3. Student activities yesterday and today

#### Face to face section activities.

During many years we try to find some really practical international student activities. One of this is face to face student activities. CU and SUAI prepared the Basic agreement of cooperation between universities and special agreement between ISA Catania and SUAI Student sections in the frame of Basic agreement between universities.



That agreement was signed by rectors of SUAI and CU – Prof. **Anatoly Ovodenko** and Prof. **Ferdinando Latteri** at March 15, 2001 in Catania, Italy.

***District 12 Student Activities Yesterday, Today, Tomorrow***

### 3. Student activities yesterday and today

Today we signed the same agreements between SUAI and Indiana State University, University Valladolid and Kore University. We are working with preparation of agreement between SUAI and University Ghent.



Now we have a good possibility to organize some practical joint events, such as: students and professors exchanges, joint projects and meetings.

***District 12 Student Activities Yesterday, Today, Tomorrow***

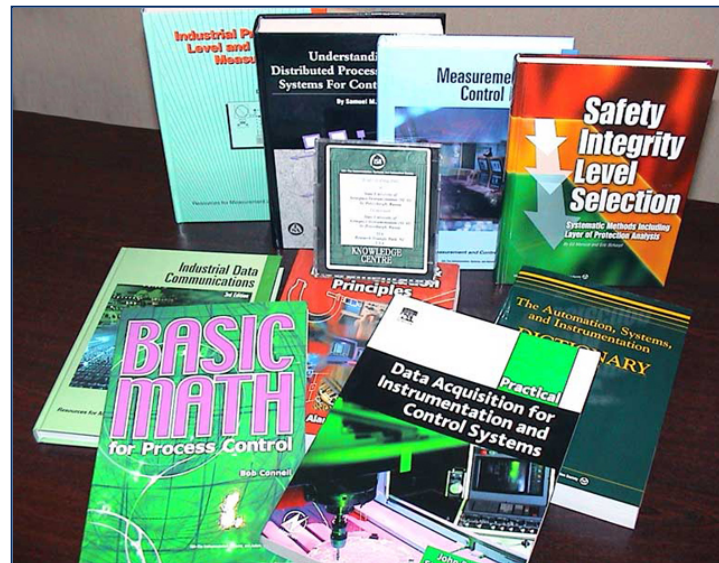
### 3. Student activities yesterday and today

#### ISA Knowledge Centre.

The purpose of ISA knowledge Centre was:

- to educate and provide reference information to instrumentation, systems and automation students and specialists;
- to aid in accomplishing ISA's mission of service to the instrumentation, systems and automation global community.

The first ISA Knowledge Centre was open for Silesian University of Technology in Gliwice, Poland at October, 2001 (but now it is not work).



Next Centers were open at the end of 2001 at Cork (Ireland), and then for SUAI (Russia) and FAS (Ireland). So, now we have 3 ISA knowledge centers at District 12 – two in Ireland and one in Russia.

### 3. Student activities yesterday and today

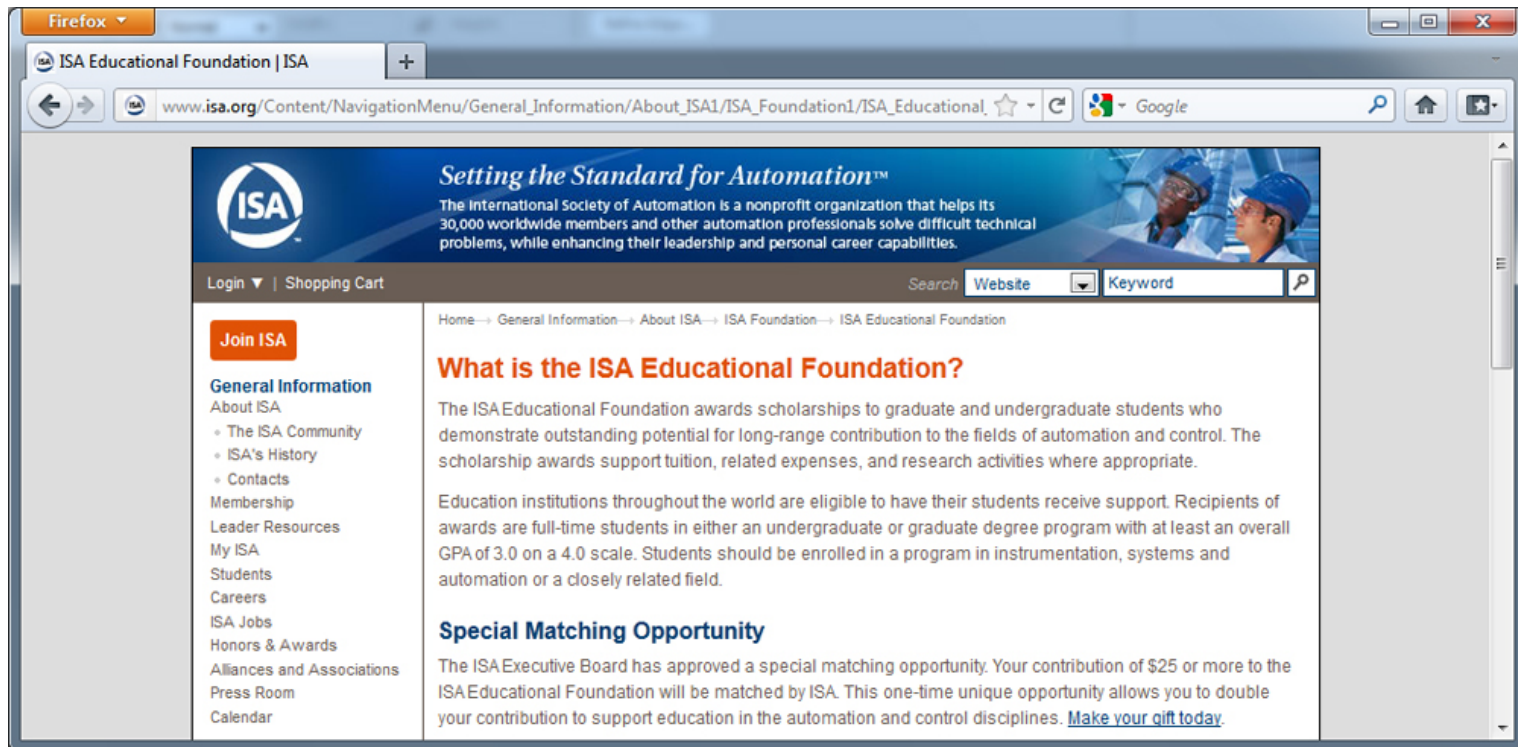
#### ISA Educational Foundation.

Educational Foundation award scholarships beginning in 2001 to graduate and undergraduate students who demonstrate outstanding potential for long-range contribution to the fields of instrumentation, systems and automation. The scholarship awards support tuition and related expenses and research activities and initiatives.



### 3. Student activities yesterday and today

Two \$5000 scholarships each to undergraduate students enrolled in eligible four-years degree program. Additional scholarship award of \$750–4000 each for undergraduates and \$750–3000 each for graduate students.



More information:

[http://www.isa.org/Content/NavigationMenu/General\\_Information/Students/Scholarships/Scholarships.htm](http://www.isa.org/Content/NavigationMenu/General_Information/Students/Scholarships/Scholarships.htm).

**District 12 Student Activities Yesterday, Today, Tomorrow**

## 4. Student section features

- ISA student members time of activities is not long (about 2–3 years).
- Student teams are change every year.
- We need to recruit new members every year.
- Usually section is created on the base of one University.
- Difference between Universities programs.
- Budget problem.
- Students are not specialists in instrumentation yet.
- It is necessary to find new and new benefits all the time.
- Common problems (cultures, languages, distance).

## 5. What we need for successful student section activities

- Active enthusiastic adviser is a key of success.
- Good section activities program.
- Students and advisers should wish to work together.
- ISA benefits.
- Financial support.
- Support from University.
- Good communication between students and sections.
- Real possibility for students to take part in ISA events.
- Possibility to find himself in automation area and start professional career.

## 6. The future

### Activities plan 2012.

- To take part in 2012 ISA Educational Foundation scholarship Program. February 15, 2012.
- To continue the process of creation new student sections.
- To publish some papers about student activity.
- To try to organize the VI SUAI-ISU international students exchange program. Terra Haute, Indiana, USA, October 2012.
- To continue “face to face” activities between CU-SUAI-VU-ISU-UKE in frames of the Basic Agreements between Universities from Italy, Russia, Spain, USA.
- To try to organize the X Italian-Russian students seminar. Catania, Italy, July 2012.
- To organize the VIII ISA European Student Paper Competition (ESPC-2012). St.-Petersburg, Russia, May 2012.
- To organize VII Long Distance Seminar “Project Management” for SUAI students by professor G. Cockrell. January-June, 2012.
- To organize V ISA International Student Research Long Distance Conference during 65 SUAI International Student Research Conference at April, 18, 2012 with participation of students from European and American Universities.
- To publish best papers students-winners of the ESPC-2012 at the proceeding of the International Forum “Modern information society formation – problems, perspectives, innovation approaches”. St.-Petersburg, Russia, September 2012.

At the end of presentation we'd like to particularly note that students and young people are society future! So we need to spend much time, attention and money for student activities organization.

We are looking forward for ISA future and District 12 Student social life development!