



Setting the Standard for Automation™

District 12 Student Activities

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D12 DLC, Milano, Italy, July 7–8, 2017

Standards
Certification
Education & Training
Publishing
Conferences & Exhibits

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1. The History

The idea about the 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!

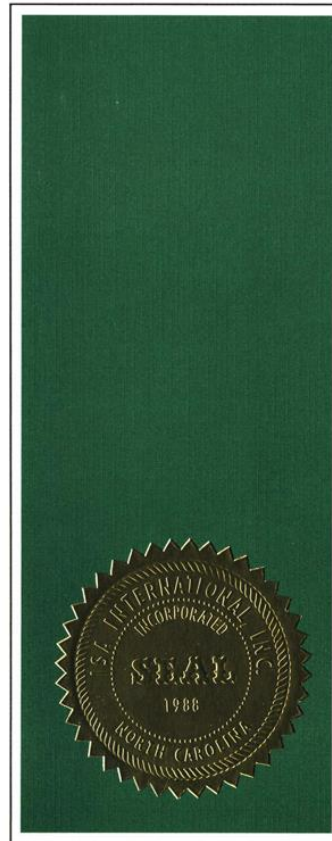


1. The History

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.

1. 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 beginning of District 12 Student Activities!



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

1. 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.

1. The History

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



***Maurizio
Brancaleoni***



***Cor van
Rauwendaal***



Taco Coolen



David Keast



Declan Lordan



Sally Walter



Laura Crumpler



Billy Walsh

1. The History

2017 District 12 Student section Roster

Section	Name	Active	Active grace	Total
CSFASTS	FAS Training Services Student Section	29	0	29
CSJABAL	Jubail Industrial College	41	0	41
CSSJBCS	San Juan Bosco Cartagena	36	12	48
CSSPAAI	St Petersburg State	29	1	30
CSUPDEV	Universidad Politecnica De Valencia	21	18	39
CSUPMSS	Universidad Politecnica de Madrid	30	4	34
CSUSCES	Universidad of Santiago de Compostela	70	0	70
CSVALLA	Universidad de Valladolid	23	1	24
CSUNEDS	Universidad Nacional de Educacion a Distancia	24	0	24
Total		303	36	339

1. The History

We had **339** student members in District 12 at June, 2017.

2. Student activities

District 12 Student Paper Competition (ESPC).



We organized this event in 1997.

2. Student activities



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

2. Student activities

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 European and American Universities participate in this event.



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

2. Student activities

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.



Setting the Standard for Automation™
The International Society of Automation is a nonprofit organization that helps its 30,000 worldwide members and other automation professionals solve difficult technical problems, while enhancing their leadership and personal career capabilities.

District 12 (EMEA) Students

Europe / Middle-east / Africa

Abstracts • Committee • Activities • Sections • Publications • Reports • News

Notices:

Deadline for ISA education foundation scholarship application form
ISA Educational Foundation Scholarships are awarded to college or university students who demonstrate outstanding potential for long-range contribution to the fields of automation and control. The scholarship awards support tuition and related expenses and research activities and initiatives. To apply you need to submit the application form by **15 February 2018**.

Deadline for the XIV ISA European Students Paper Competition (ESPC-2018)
The competition organized by ISA District 12, St. Petersburg State University of Aerospace Instrumentation (SUAI). Paper must deliver to the section adviser and organizing committee before **March 25, 2018**.

News:

May 17-19, 2017

The Aerospace Bruisers team of the joint research and development Laboratory for the Design and Programming of Robotic Systems of the Institute of Innovative Technologies in Electromechanics and Robotics of SUAI and the St. Petersburg Institute of Informatics and Automation of the Russian Academy of Sciences took part in the open National Stage of the International competition in robotics RoboCupRussiaOpen 2017, which was held in Tomsk. 140 teams from 14 cities of Russia took part in the competition. The Aerospace Bruisers team took 1st place in the RoboCup Humanoid Soccer KidSize League and will represent the Russian Federation at the international RoboCup competition in the Asia-Pacific region in December 2017 in Bangkok, Thailand.



Events:

March 25, 2018 — Deadline for The XIV ISA European students paper competition (ESPC-2018).

July 5-6, 2017 — Student Award Program "Idea 4 Automatic Award".
Castello Di Belgioioso, Italy
(registration form)

July 7-8, 2017 — District 12 Leadership Conference (Castello Di Belgioioso, Italy)

Links:

- ISA
- ISA District 12
- ISA Headquarters Russian Federation

Presentation:



District 12 Student Activities



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Sections

Italy

- Catania University
- Kore University — students section

Russia

- St. Petersburg State University of Aerospace Instrumentation — students section

Ireland

- FAS Training Centre

Spain

- Universidad de Valladolid
- Universidad Politécnica de Madrid
- Colegio Salesiano San Juan Bosco de Cartagena
- Universidad de Santiago de Compostela
- Universidad Politécnica de Valencia
- Universidad Nacional de Educación a Distancia (UNED)

Saudi Arabia

- King Fahd University of Petroleum & Minerals
- Jubail Industrial College

<http://isa-europe.org> → <http://isad12s.guap.ru>

2. Student activities

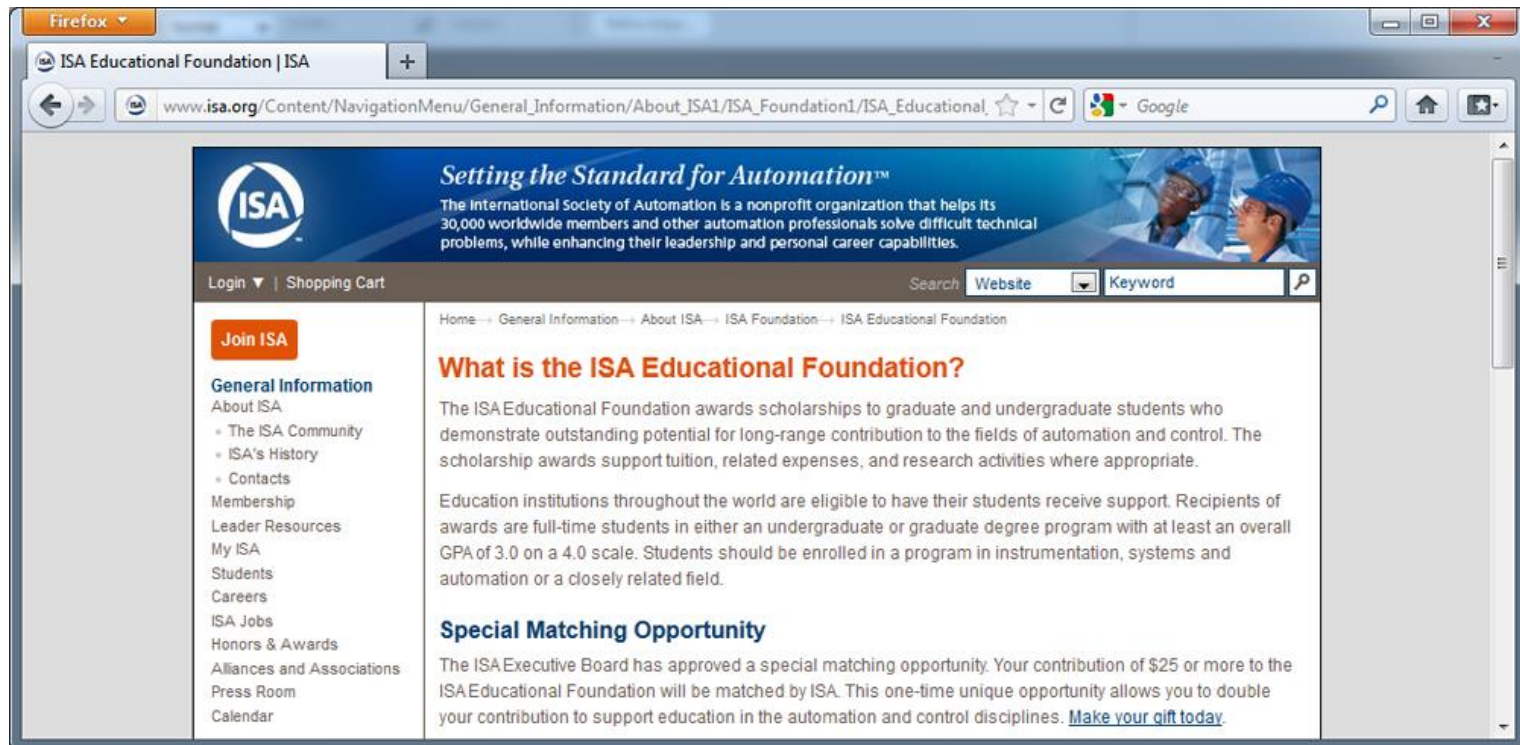
ISA Educational Foundation.

Educational Foundation award scholarships are held since 2001 for graduate and undergraduate students who demonstrate outstanding potential in the fields of automation.



2. Student activities

Society spends a lot of money each year to support students activities.



More information:

http://www.isa.org/Content/NavigationMenu/General_Information/Students/Scholarships/Scholarships.htm.

District 12 Student Activities

3. Student section features

- ISA student members time of academic activities is not long(about 2–3 years).
- Student teams are new 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 automation yet.
- It is necessary to find new and new benefits all the time.
- Common problems (cultures, languages, distance).

4. 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 the University.**
- Good communication between students and sections.
- Real possibility for students to take part in ISA events.

5. The future

2017 D12 students activities plan.

- To take part in 2017 ISA Educational Foundation scholarship Program. February 15, 2017.
- To publish some papers about student activity.
- To try to organize the VI SUAI-ISU international students exchange program. Terra Haute, Indiana, USA. October 2017.
- To organize the XIII ISA European students paper competition (ESPC-2017). St.-Petersburg, Russia. May 2017
- To organize XII long distance seminar “Project Management” for SUAI students by professor G. Cockrell. January-June, 2017.
- To organize the X International Society of Automation student research long distance conference during 70 SUAI International student research conference at April, 21, 2017 with participation of students from European and American Universities.
- To publish best papers of the students-winners of the ESPC-2017 at the bulletin of the UNESCO department “Distance education in engineering” of the SUAI. St.-Petersburg, Russia. May 2017.

Students and young people are ISA future!

So we need to spend much more time, attention and money for student activities organization.

We are looking forward for ISA future and District 12 Student activities.