



ASSOCIAZIONE ITALIANA STUDENTI DI FISICA ITALIAN ASSOCIATION OF PHYSICS STUDENTS

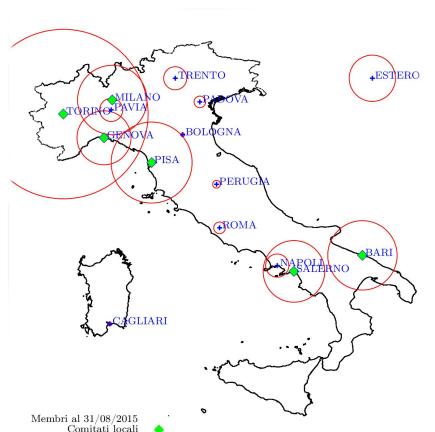
General prospectus

Introduction

This is the prospectus of the Italian Association of Physics Students (Associazione Italiana Studenti di Fisica, AISF). It provides information on the activities and new projects of AISF.

What is AISF?

We are the Italian Association of Physics Students, working to promote the collaboration of physics students from Italy in an international and globalized context. Our members are local committees and individual members, who meet regularly to ensure the relevance of our activities. The association is coordinated by its Executive Committee, consisting of seven members, currently from five universities. AISF was founded during the XXIX International Conference of Physics Students in Heidelberg, Germany, in August 2014. In less than a year we managed to create 6 Local Committees and enroll more than 160 members. An overview of the geographical distribution of members is dis-

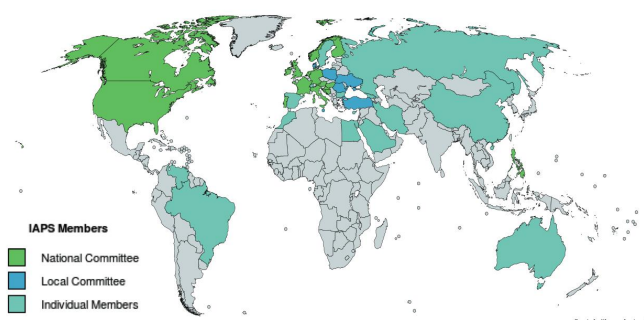


played below (August 2015).

We would like to enlarge our network and support our members in their academic and professional work, as well as to discuss and acting upon scientific, social and cultural issues. AISF is a recognized no-profit organization run entirely by students collaborating with other physics and student associations, universities and research centers.

What is IAPS?

IAPS is an association of physics students and student societies from around the globe, working to promote peaceful collaboration among them. Its members are represented by national and local committees; there are 16 National Committees and 10 Local Committees of IAPS, representing and estimated total of 50000 students. Beside that, there are also individual members from other countries.



Since 1987, IAPS has worked continuously to support friendly relations and collaboration between physics students. It is a recognized non-governmental organization run entirely by students from around the world with a spirit of mutual under-



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standing and equality. IAPS runs an annual International Conference for Physics Students (ICPS), visits to global research institutions, summer schools, exchange programs and multinational meetings all over the world.

AISF is an IAPS National Committee and strongly collaborates with it, assuring the presence of the Italian students to the IAPS events and actively collaborating to the organization of new events and projects.

AISF activities

AISF organizes activities for students both from Italy and the wider IAPS community. Here you can find a small description of the most important events.

CISF

In May, 15-17 2015 AISF organized the first Italian Conference for Physics Students (Conferenza Italiana Studenti di Fisica). The event took place in Turin with the participation of 66 students from 18 universities.

During the event we had four lectures from prominent local professors, the visit of the National Institute for Metrology Research (INRIM), a student session where students presented their work or thesis, and the first Annual General Meeting of the



association, where we approved all internal regulations. You can find more info at <http://ai-sf.it/cisf> (Italian only).

We plan to organize the CISF annually, changing the location every year.

iaps@GranSasso

In May, 5-9 2015 IAPS and AISF collaborated to organize the Particle & Astroparticle Physics Spring Programme. Forty international physics students



were able to visit the Gran Sasso National Laboratory, the Gran Sasso Science Institute and the ENEA Frascati research centre, in Rome. During the event there was space for guest lectures, student talks and a poster session.

You can find more details at <http://www.iaps.info/event/gran-sasso-labs-tour-2015>. A second edition is planned for Spring 2016.

FERMI

FERMI (an Italian acronym for Formazione e Ricerca Menti Italiane) is a database of summer schools and internships in Italy and around the globe that AISF is keeping on its website. The purpose is to strengthen the bond between study and research and to increase the number of undergraduate research opportunities in Italy. A feedback from students who took part in advertised programmes is encouraged.



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Last year the FERMI database registered 31 entries, and we would like to enlarge it for next summer. You can find it at <http://ai-sf.it/joomla/it/fermi-it>.

AISF new projects

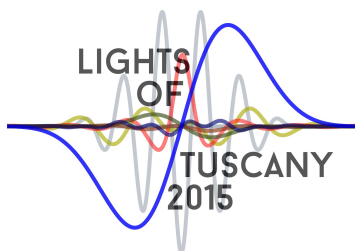
AISF thinks that sharing principles, methods and discoveries is a fundamental part of being a Physics student. In that spirit, we are launching different projects:

- University students sharing their passion, knowledge and maybe research to high school classrooms in short cycles of lectures;
- Participation to the International School Day: lectures and experiments on the theme of Light, for a public ranging from 6 years old children to high school students.

Lights of Tuscany

In December, 17-21 2015 AISF will celebrate the end of the International Year of Light with an event in Pisa and Florence.

Forty international students will be able to visit the European Laboratory for Non-linear Spectroscopy (LENS), the physics facilities of the University of Pisa, the VIRGO gravitational interferometer and the laboratories of the National Enterprise for nanoScience and nanoTechnology (NEST). There will be also the possibility to visit Pisa and Florence. More at <http://ai-sf.it/lot>.



ICPS 2017

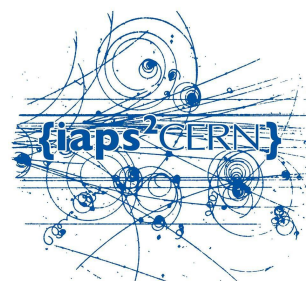
Successes obtained by AISF impressed IAPS, and IAPS Annual General Meeting entrusted AISF with

the organization of the XXXII International Conference of Physics Students (ICPS), which will hence take place in Turin, 7-14 August 2017.

ICPS is the main IAPS event, and almost 500 students are expected to participate. During the conference there will be guest lectures, student talks, poster sessions, the visit of the physics facilities in Turin and surroundings, cultural excursions and social events.

Participation in IAPS activities

As a national committee of IAPS, the Italian Association of Physics Students engages with the international community of physics students by taking part in many of its activities. In particular, during the last year, 7 Italian students took part in the annual CERN trip organized by IAPS, which takes place every year in April. A similar number of Italian participants also attended iaps4fusion, the first edition of an event held in September 2015 in Oxford, Culham and London, focusing on plasma physics and fusion energy.





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AISF was also able to send a volunteering delegate to the opening ceremony of the International Year of Light, held in Paris in January 2015, and plans on

sending at least one more volunteer to the closing ceremony, held in Mexico in December.



IAPS volunteers for the International Year of Light Opening Ceremony.

CISF 2015 (Turin).

Italian delegations at ICPS 2012 (Utrecht) and ICPS 2014 (Heidelberg).

Contact information

Email:

Andrea Celon, President: presidente@ai-sf.it

Marta Crisanti, Vice-President: marta.crisanti@ai-sf.it

Giulio Pasqualetti, International Affairs: giulio.pasqualetti@ai-sf.it

Executive Committee: esecutivo@ai-sf.it

Website:

www.ai-sf.it

Postal address:

Associazione Italiana Studenti di Fisica
c/o Istituto di Fisica - Università degli Studi di Torino
via Pietro Giuria 1
10125 Torino
Italy