What brings young members into international associations and unions?
What does the youth provide to you?

What do you provide to the youth?

How do you reach the youth?
Partners

INFORMAL FORUM OF INTERNATIONAL STUDENT ORGANISATIONS

INTERNATIONAL UNION FOR PURE AND APPLIED BIOPHYSICS

INTERNATIONAL PARTICLE PHYSICS OUTREACH GROUP

AFRICAN SCHOOL OF FUNDAMENTAL PHYSICS AND APPLICATIONS
IAPS and IUPAP: A collaboration case-study

- Introduction to IUPAP
- The creation of AC5
- Initiatives and collaborations with IUPAP
IAPS and IUPAP: A collaboration case-study

- IUPAP is the only international physics union organized by the physics community
- IAPS is the largest international association representing the voice of physics students

What does IUPAP want from IAPS?

Engagement  Expertise  Resources  Sustainability
Involvement of IAPS in IUPAP

→ IAPS represents physics students to IUPAP through an affiliated commission

→ IAPS participates in the working groups of “Physics and Industry” and “Women in Physics”

→ IAPS is represented in the Commission of Education

→ IAPS utilizes its resources of volunteers and reach supporting IUPAP initiatives
What does the youth provide to you?

What do you provide to the youth?

How do you reach the youth?
What does IAPS provide to its members?

The International Conference of Physics Students
ICPS: A unique conference, reimagined online

- Introduction to ICPS, purpose and itinerary, typical programme
- How ICPS supports young physics students to build important skills
- How it acts as a platform for professional development and soft skills in a friendly, multicultural environment
- COVID Crisis and ICPS online - how an organization adapts to use novel online platforms to engage young people
The International Conference of Physics Students

- One international annual conference open to all physics students
- Consistent platform to exchange with others about science and life
- Creates opportunities and first conference experience for IAPS members
Guest lecture:
- Improvement of professional knowledge
- Adjustment to new styles of presentation

Lab tours:
- Visual experience of experiment and setup
- Close communication with researchers

Student lectures / poster sessions:
- Presentation skills
- Introduction to critical feedback

Workshops:
- Development of soft skills
- Active practice

A platform for professional development and soft skills in a friendly, multicultural environment
ICPS 2019 in Cologne
ICPS 2021: An online conference

We need to adjust our expectations!

- 24h programme on 4 days to create timezone independence
- Usage of Gathertown as a unique platform that allows poster presentations, talks, and networking opportunities
- Youtube streaming for passive participation
- Discord server as an around the clock moderated communication platform
- Online competitions and treasure hunts to keep participants engaged
- Gaming nights and “video” excursions to replace well-known concepts
ICPS 2021: An online conference

- Insert pictures and insights from ICPS 2021 report
A Question for the Audience

Who of you have organized an online conference already?

Who of you have used one of the tools we used to engage our members?
International Association of Physics Students

An entirely student-run organization

Executive Committee
- President
- Secretary
- Treasurer
- Members & Advocacy
- Events
- IT
- PR
- Outreach
- Recruitment

National Committees: 24
Local Committees: 21
Individual Members: 150

Total Members: approximately 90,000
Students from 70+ countries!

The first IAPS AGM (Prague, 1988). 1st left: Tamás Fülöp.
At the table (left to right): Andrzej Bobyk (leader of the Polish NC); Jan de Boer (leader of the Dutch NC); Mikko Vanttinen (leader of the Finnish NC) Standing: Patroklos Budai. Péter Ván is 4th from left.
Advocacy and support for young people

WORLD MENTAL HEALTH DAY

A discussion on mental health in physics with

FullCircle

Friday 8th
14:00 UTC
link in bio

This will be a safe space for students to talk about their mental health: the struggles of studying during a pandemic, imposter syndrome, toxic work environments in our PhDs and so much more.

Mental health in Academia
Prevalence, symptoms, causes and treatments

Lucia Rotheray
Dragonfly Mental Health Ambassador
December 5, 3 PM CET

What is this about?
Despite increased awareness in recent years mental health is still a taboo issue within vast parts of the scientific community. In this webinar we will learn about the prevalence of mental health problems within the academic community, learn to recognize related symptoms, understand the main causes and have a look at the available treatments.

About Dragonfly Mental Health
Dragonfly Mental Health is a non-profit organization run by volunteers that was created to improve mental health and to increase the awareness of mental health issues within the academic community.
Outreach and education for young students

Around November 10 each year

Khumasi, 2018
Croatia, 2021
Kathmandu, 2019
Noida, 2019
Bari, 2018
International Association of Physics Students

Noida, 2021 - “online school day”

Kathmandu, 2021 - “grassroots school day”
A Question for the Audience

How does your organization work on outreach?

How do you involve young people in your organization’s outreach efforts?
What does the youth provide to you?

What do you provide to the youth?

How do you reach the youth?
How IAPS engages with students: PR

- Facebook and LinkedIn for event updates
- Youtube for event livestreams and videos
- IAPS Newsletter with science and event updates
- Instagram for updates, multimedia infographics and resharing
An internal members-only Discord server for

- Cooking Day
- Mental Wellbeing Chat
- Music Group
- Gaming and community engagement
- Networking based on interests and hobbies
- Opportunities for physics students
PR Campaigns

1. Post IAPS's memories on FB
2. Post IAPS's memories on Insta
3. Post ICPS's memories
4. Post PLANCKS's memories
5. Post a funny video of IAPS event

35 WAYS TO CELEBRATE IAPS anniversary

THE PHYSICIST CHALLENGE

SIMPLE SUNDAY
1. INTRODUCE YOURSELF
2. PHYSICS MEME
3. WHY PHYSICS
4. THE 'I DO PHYSICS' REACTION
5. TAG ROLE MODEL(S)
6. STUDY SNACK
7. LOOK AT THE STARS
8. HOW PHYSICS FACT
9. MEME YOURSELF
10. FAV PHYSICS MEMORY
11. WORST STEREOTYPE
12. YOUR NOBEL PRIZE NOM
13. PLAYLIST/PODCAST
14. HOBBY
15. DIY QUOTE
16. MEME YOUR RESEARCH
17. WHY I LIKE BEING A PHYSICIST
18. EXPECTATION VS REALITY
19. A PHYSICS ACCOUNT
20. PHYSICS DEMO
21. NATURE
22. CURRENT READ
23. WORST PHYSICS MEME
24. FUTURE SELF
25. IMPOSTER SYNDROME
26. NEW FRIENDS
27. ACHIEVEMENT
28. WORKOUT/WALK

MEME MONDAY
MEME THURSDAY
MEME FRIDAY
MEME SATURDAY

THOUGHTS
THOUGHTS
THOUGHTS
THOUGHTS

WEDNESDAY
WEDNESDAY
WEDNESDAY
WEDNESDAY

WOES
WOES
WOES
WOES

TAG THURSDAY
TAG THURSDAY
TAG THURSDAY
TAG THURSDAY

FAN FRIDAY
FAN FRIDAY
FAN FRIDAY
FAN FRIDAY

SELF CARE SATURDAY
SELF CARE SATURDAY
SELF CARE SATURDAY
SELF CARE SATURDAY

#ThePhysicistChallenge

for physics students by physics students
International Association of Physics Students

It's here!

jIAPS: our annual student-run journal

Grab your copy! (Link in description)
Good practices to involve the youth

- Create a friendly, supporting environment and youth friendly culture in the organization
- Events and outreach that give hands-on experiences to young students
- Use of PR and online tools to build engagement and community
We would love to hear from you!

- Introduce yourself, your organization

- How do you involve the youth in your organization? What are the challenges you face in doing so?

- What has worked well with your organization in the past that you can share with us?
Keep up with IAPS!

- www.iaps.info
- /iapsfb
- International Association of Physics Students
- ec@iaps.info
- @iaps_physics
- @iaps_physics
For Physics Students

By Physics Students