

International Union of Pure and Applied Physics

To stimulate and facilitate international cooperation in physics and the worldwide development of science.

IUPAP assists in the worldwide development of physics, fosters international cooperation in physics...and helps in the application of physics toward solving problems of concern to humanity

Historical goal of IUPAP:to enhance physics through organisation and sponsorship of most appropriate conferences, and ensuring that all physicists had free access to the meetings....”

IUPAP Council and Commission Chairs (C&CC) Meetings

IUPAP Procedures for Sponsorship of Conferences

25 -28 January 2022

Venue: Cyberspace

Time: Continuous

00:00 – xx:yy



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2022 IUPAP CONFERENCES

RULES, GUIDELINES AND PROCEDURES PART 1



Historical goal of IUPAP: . . .to enhance physics through organisation and sponsorship of most appropriate conferences, and ensuring that all physicists had free access to the meetings....”

- Conference Categories
- Conference Guidelines
- Conference Selection Criteria
- IUPAP Conference Procedures for Endorsement and for Sponsorship
- Challenges
- Conference Application Trends
- 2022 Conferences Applications Approved (Sponsorship and Endorsement)



■ IUPAP Conference Categories

Conference Type	Attendees	Conference Type Description
Type A (General)	750 - 1000	Provide broad view of entire field of commission
Type B (Topical)	300 - 600	Concentrate on broad subfield (eg Heavy Ion Physics)
Type C (Special)	50 - 200	Concentrate on specialized topics
Type D (DC Workshops)		A category introduced to meet the needs of developing regions. All type D conferences submitted through C13.

Confr. Type	Attendees	Amount Granted						
		2016	2017	2018	2019	2020	2021	2022
Type A (General)	750 - 1000	€06 500+	€07 000+	€06 000+	€06 000+	€07 500+	€07 000+	€7 000+
Travel Grant A		€05 000	€05 000	€04 000	€04 000	€04 500	€04 500	€3 000
Type B (Topical)	300 - 350	€05 000	€05 000	€05 000	€05 000	€07 000	€06 500	€5 500
Type C (Special)	50 - 200	€00 000	€00 000	€00 000	€00 000	€00 000	€00 000	€0 000
Type D (Dev. Cnt)	Xxxxxxxx	€07 000	€07 000	€07 000	€07 000	€07 500	€07 500	€5 500



■ IUPAP Conference Selection Criteria

1. **Scientific Value and Composition of Organizing Committee:**

Justification to continue a series and, for new conferences, a clear statement of purpose on the relationship with existing conferences. Advisory and Program Committee members should be experts.

2. **International Character and Accessibility:**

Only international conferences are considered for sponsorship. They must have a fairly representative international advisory committee. If a series, the conference must move amongst countries and continents. Participation should be genuinely international.

3. **Free Circulation of Scientists:**

The free circulation of scientists for scientific purposes is a major piece of IUPAP policy. The principle of the Universality of Science is fundamental to scientific progress. This principle embodies freedom of movement, association, expression and communication for scientists, as well as equitable access to data, information and research materials.

4. **Inclusion of Women:**

It is the policy of IUPAP that all IUPAP sponsored conferences must include women on the organising and program committees and as invited speakers. The application should include a list of the program committee with evidence that women are included, and the numbers of women invited speakers should be recorded in the conference report.



IUPAP Conference Selection Criteria

5. Registration Fee:

This fee covers attendance at the conference, receipt of abstracts and access to the conference material on the website, but not accommodation, meals, and transfers.

IUPAP CONFERENCE REGISTRATION FEE LIMITS										
	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024
Registration fee limits apply regardless of size or length of conference	550 €	600 €	640 €	680 €	700 €	720 €	740 €	740 €	750 €	760 €

Registration fee limit kept at 740€ for the current cycle

6. Harassment

IUPAP insists that all participants at IUPAP conferences should be able to enjoy the conference and its benefits free of discrimination and harassment. To emphasise this policy and to indicate that remedies are available to those who are harassed or discriminated against, all IUPAP supported conferences are required to publish the following statement on their website and in all publications related to the Conference.

“It is the policy of the International Union of Pure and Applied Physics (IUPAP) that all participants in Union activities will enjoy an environment which encourages the free expression and exchange of scientific ideas, and is free from all forms of discrimination, harassment, and retaliation. The conference organisers will name an advisor who will consult with those who have suffered from harassment and who will suggest ways of redressing their problems, and an advisor who will counsel those accused of harassment. The conference organisers may, after due consideration, take such action they deem appropriate, including warning or expulsion from the conference without refund” [Name Advisor...]



■ IUPAP Conference Rules (Condensed)

- IUPAP Conferences are supported either by Financial sponsorship, or through Endorsement

IUPAP Supports Conferences in two ways

Financial Sponsorship	Endorsement
There is a deadline to submit applications	Application for Endorsement of Conferences can be submitted any time
Support for type A, B and D type of conferences includes financial grant payable 4-5 months before the conference is held	Support for Endorsed Conferences is granted without financial allocation
Commissions and Affiliated Commissions required to submit recommendations of conferences they wish to be supported; decision for final approval remains the responsibility of Council	Commissions, Affiliated Commissions, and Working Groups can submit recommendations for Endorsement of Conferences



■ IUPAP Conference Rules (Condensed)

- IUPAP Conferences are supported either by Financial sponsorship, or through Endorsement
- To ensure that a conference is considered for IUPAP sponsorship in time, requests *must be made before June 1 of the year preceding the date of the proposed conference*. The request must include all required information as indicated on the application form.
- Physical Locations within IUPAP member nations to be given priority as conference hosts. Online and internet-based platforms should be fairly accessible to the wider community.
- IUPAP support to be given to best and most deserving conferences, previous funding not a *guarantee* for future support.
- Conference fees should be stated, requested amount should not exceed IUPAP limit
- Travel grants should be used to support physicists from developing countries
- Presence of women on LOCs and as invited speakers a condition for IUPAP support



■ IUPAP Procedure & Guidelines for Conference Sponsorship

1. Conference Organizers should complete online IUPAP Application form for conference sponsorship. Completed copy of the application form sent to relevant Commission chair and secretary, and also received by the IUPAP secretariat. Due date for online submission of applications is **1 June** of the year preceding the date of the proposed conference.
2. Information submitted on the application form must reflect that the organizers conform with the general IUPAP policies and guidelines for conference sponsorships, in particular the Scientific Value of the conference, the Scientific integrity of the Organizing and Advisory Committees, the International Character of the conference, and compliance with IUPAP registration fee threshold.
3. Composition of Committees should reflect clearly the scientific quality of conference together with gender diversity of participants. In particular a list of programme committee members should be provided with clear evidence that women are included.
4. Organizers should state financial measures in place to assist unsupported young scientists from developing countries. Application should also state that fees shall not exceed **€740 (2022)**
5. Conference organizers expected to publish the **Statement on Free Circulation of Scientists and Statement on Harrassment** in any circular or announcement and in the conference proceedings.



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■ IUPAP Procedure and Guidelines for Conference Sponsorship

6. Travel grants awarded to Type A conferences should be used to assist scientists travelling from Developing Countries. Traveling grants distributed by conference organizers themselves and NOT awarded to individuals directly by IUPAP.
7. Organizers encouraged to avoid conflicting dates with those of related conferences. Contact details of conference secretary and chief conference organizer are required for correspondence purposes.
8. Supplied information should include a statement of plans for dissemination of results or proceedings.
9. After the conference, organizers MUST complete the **Conference Report Form online**, which, like the original application form, should be sent to the IUPAP Commission chair and Secretariat. The report must contain all the basic information required, with exact numbers of participants, invited speakers, number of women participants, etc. Such report is used as an assessment tool to check if the conference complied with IUPAP rules.
10. Conference Report Form addition on Section 3: *“The names and contact details of Conference Officers who were designated as Conference Advisors on Harrassment Issues”*



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■ IUPAP Commissions Expected to Prioritize

1. Forward to the IUPAP secretariat their prioritized lists of Applications for Conference Sponsorships by no later than 31 August (This Year this date would have to be shifted, probably to end of June (30 June?) if the July C&CC has to take decision)
2. Help the secretariat to follow-up on conference organizers who fail to submit reports after the conference is held. Conference reports extremely important for Council to track not only the participation of women, but also to assess if the conferences are being conducted in accordance with the IUPAP conference guidelines

In view of the fact that 2022 is the year the IUPAP celebrates its centenary, Council encourages all Conference Organizers and Commission chairs to promote the IUPAP centennial celebrations at all conferences supported by IUPAP. All conference organizers (of sponsored or endorsed) had received as part of the correspondence communicating outcome of their applications, a Centennial 2022 IUPAP Generic poster which they are encouraged to display at strategic locations at conference venues, on the websites and in other conference promotional materials or sites



Challenges

- Late submission of conference reports

	Awarded	Reported	%
2015	31	22	71%
2016	41	35	85%
2017	33	17	51%
2018	35	23	66%
2019	32	22	70%
2020	33	XX	Covid Effect
2021	37	06	16% (Covid Effect)

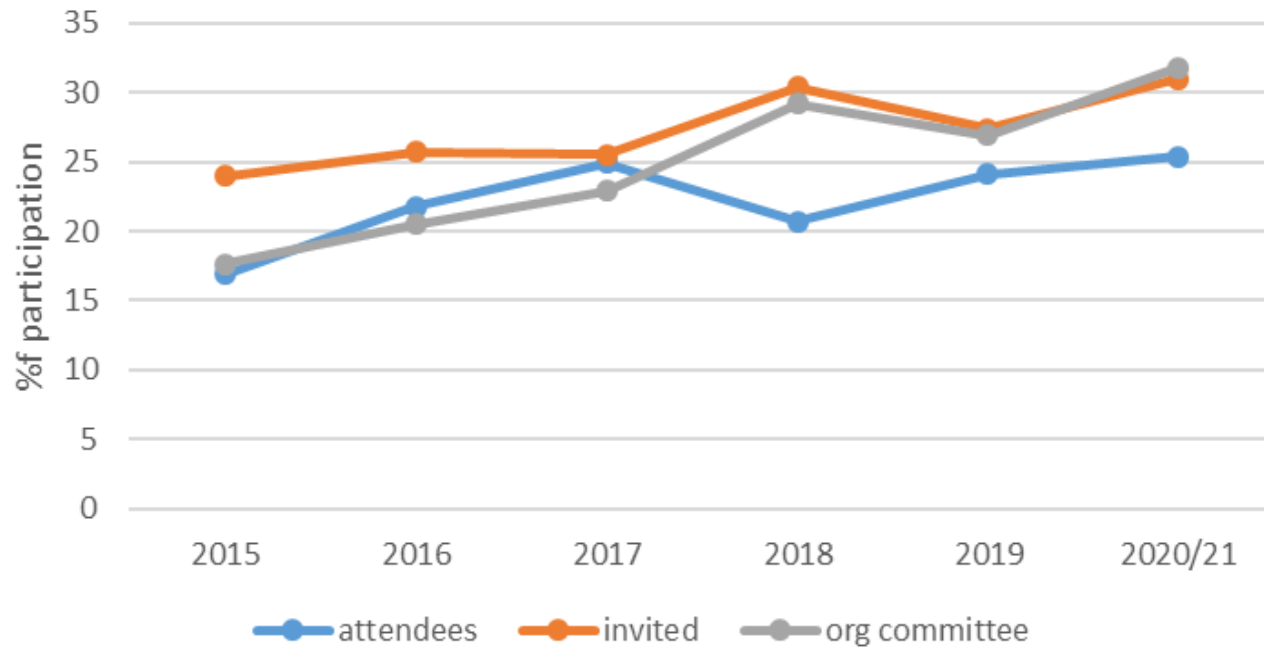


How are we doing on women participation at conferences?

Gillian Butcher

IUPAP Gender Champion (2020 –) + IUPAP Representative on SCGES

Average %f participation over time



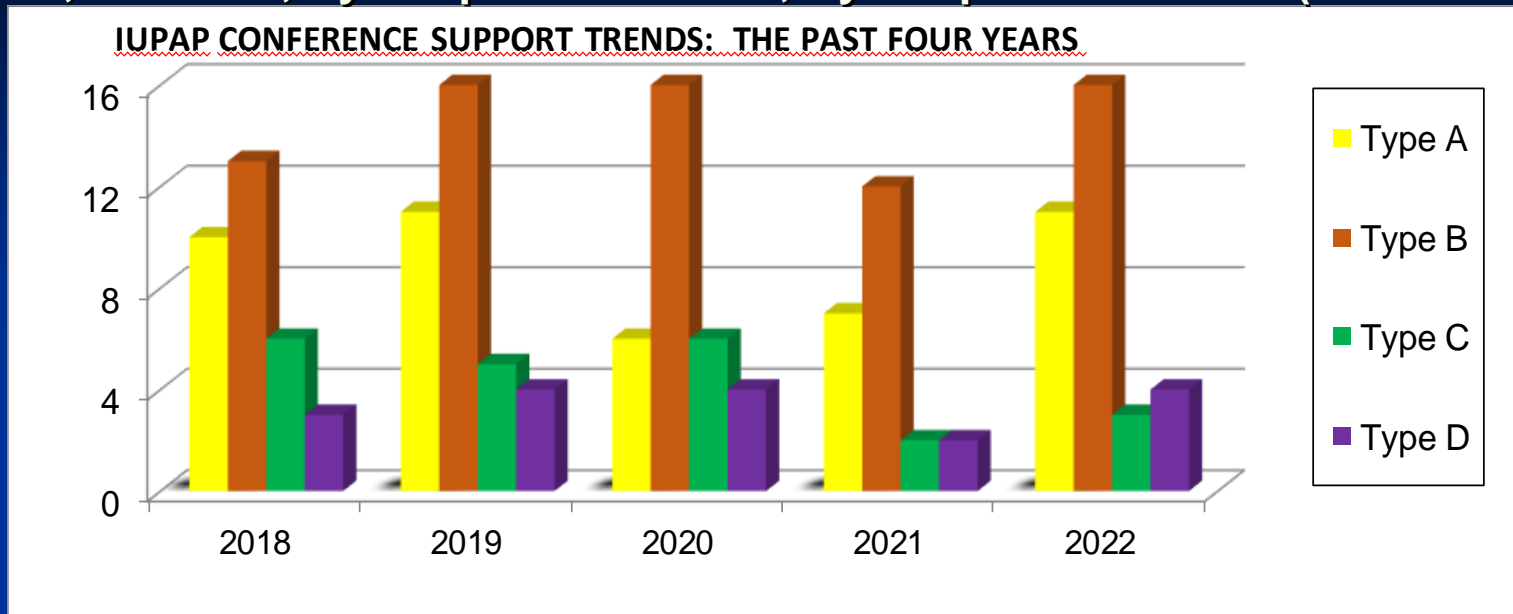
GENDER CHAMPION

Conference Support Trends and Stats

Conference Type	Attendees	Conference Type Description
Type A (General)	750 - 1000	Provide broad view of entire field of commission
Type B (Topical)	300 - 600	Concentrate on broad subfield (eg Heavy Ion Physics)
Type C (Special)	50 - 200	Concentrate on specialized topics
Type D (DC Workshops)		A category introduced to meet the needs of developing regions. All type D conferences submitted through C13.

Conference Support Trends

Vilnius, London, Cyberspace-Covid19a, Cyberspace-Covid19b (2021 for 2022)



	2018	2019	2020	2021	2018 - 2021	Approved for 2022
Type A	10	11	6	7	34	11
Type B	13	18	17	12	60	19
Type C	6	5	6	2	19	3
Type D	3	4	4	2	13	4
TOTAL	32	38	33	23	126	37
COST	€223 000	€223 000	€221 000	€165 000	€832 000	€213 000



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2022 IUPAP CONFERENCES APPLICATIONS APPROVED BY COUNCIL [PART 2]

Conference Type	Attendees	Conference Type Description
Type A (General)	750 - 1000	Provide broad view of entire field of commission
Type B (Topical)	300 - 600	Concentrate on broad subfield (eg Heavy Ion Physics)
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2022 CONFERENCES APPROVED BY COUNCIL

Conference Type	Attendees	Conference Type Description
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Conference Type	Number of Conferences
Type A	11
Type B	19
Type C	3
Type D	4
TOTAL	37

€ 236,500 (€ 213,000)

2022 Conferences Applications-Approved

Cmsn		Title of 2022 IUPAP Conference Applications	Acronym
C2	B	International Conference on Precision Electromagnetic	CPEM 2022
C3	A	28 th IUPAP International Conference on Statistical Physics	28-STATPHYS 2022
C4	C	27 th European Cosmic Ray Symposium	27-ECRS 2022
C5	A	29 th International Conference on Low Temperature Physics	LT29 2022
C5	B	International Conference on Ultralow Temperature Physics	ULT 2022
C8	A	International Conference on the Physics of Semiconductors	ICPS-2022
C9	B	Trends in Magnetism	TMAG 2022
C9	B	The 24 th International Colloquium on Magnetic Films and Surfaces	ICMFS 2022
C10	A	International Conference on Materials and Mechanisms of Superconductivity	ICMMSHTS 2022
C10	B	International Conference on Magnetic and Superconducting Materials	ICMSM 2022
C10	C	International Conference on Nanomaterials Applications and Properties	ICNAP 2022
C11	A	International Conference on High Energy Physics	ICHEP 2022
C11	A	30 th International Symposium on Lepton Photon Interactions at High Energies	ISLPIHE 2022
C11	B	30 th International Conference on Neutrino Physics and Astrophysics	Neutrino 2022
C11	B	Large Hadron Collider Physics (LHCP) Conference	LHCP 2022
C12	A	International Nuclear Physics Conference	INPC 2022
C12	B	International Conference on Strangeness in Quark Matter	SQM 2022
C12	B	International Conference on Quarks and Nuclear Physics	QNP 2022
C12	C	International Conference on Direct Reactions with Exotic Beams	DREB 2022
C13	D	Quantum Africa Conference Series 6 th Edition	QA6 2022
C13	D	4 th CFPLP-Physics for a Sustainable Development	4 th CFPLP 2022
C13	D	Quantum Materials in the Post Covid-19 era	QMPCovid-19
C13	D	Development Workshop with Gender Perspective for Early Career Scientists	DWGP-ECSS 2022

2022 Conference Applications-Approved

Cmsn		Title of 2021 IUPAP Conference Applications	Acronym
C14	B	International Conference on Physics Education	ICPE 2022
C14	B	International Conference of Physics Students	ICPS 2022
C15	A	The 27th International Conference on Atomic Physics (Funds already received)	ICAP 2022
C15	B	20 th International Conference on the Physics of Highly Charged Ions	ICPHCI 2022
C15	B	ATTO VIII: 8 th International Conference on Attosecond Science and Technology	ATTO VIII 2022
C16	A	International Conference on Plasma Physics (Funds already received)	ICPP 2022
C16	B	Europhysics Conference on Atomic and Molecular Physics of Ionized Atoms	ESCAMPIG 2022
C17	B	12 th CIRP Conference on Photonic Technologies	LANE 2022
C17	B	9 th International Conference on Optical Terahertz Science and Technology	OTST 2022
C18	B	Mathematical Results in Quantum Theory	QMATH-15 2022
C18	B	34 th International Colloquium on Group Theoretical Methods in Physics	ICGT-MP 2022
C19	C	Monitoring the Non-Thermal Universe (Postponed)	MNTU 2022
C20	B	International Conference on Computational Physics	CCP 2022
AC1	A	25 th Congress of the International Commission for Optics (ICO-25) and 25 th International Conference on Optics	25 th ICO 2022
AC2	A	23 rd International Conference on General Relativity and Gravitation	23 rd GR 2022
AC3	A	24 th International Conference on Acoustics	24 th ICA 2022
AC4	A	World Congress on Medical Physics and Biomedical Engineering, IOM	WCMP - 2022

2022 Conference Applications-Endorsed

Cmsn	Title of 2022 IUPAP Conference	Acronym
2021-22 CONFERENCE ENDORSEMENT		
C11	25 th International Baldin Seminar on High Energy Physics Problems	ISHEPP-2022
C11	13 th ICFA Seminar on Future Perspectives in High-Energy Physics	FPHEP-2022
C13	International Conference on Pure and Applied Physics (ICPAP 2021)	ICPAP 2021
WG14	13 th International Particle Accelerator Conference 2022	IPAC 2022

Resolution 10: IUPA 2021 General Assembly: Regarding Endorsed Conferences:

Taking into account the Endorsement of Conferences allows conference organizers to reflect on their promotional material their association with IUPAP without necessarily having to secure IUPAP financial sponsorship, noting that the relatively more flexible mechanism of Conference Endorsement currently runs/evolves time-independent without a submission deadline, and considering that currently Conference Endorsement can only be channeled through IUPAP Commissions, it is proposed the 30th IUPAP GA resolves as follows:

1. Extend the function/duty/responsibility of recommending approval of Endorsement of Conferences to include all IUPAP **Working Groups** in addition to the Commissions and Affiliated Commissions;
2. Mandate the IUPAP Council to consider imposing (as an administrative management tool) two submission time deadlines per year in the event where a drastic increase is observed/experienced in the volume of Conference Endorsement Applications

2022 Conference Approval Matrix

A=11 (2)

B=19

C =4

D= 4 ALL= 40/39

C2			CPEM 2022	1				1
C3	28-STATSPHY 2022	1						1
C4					ECRS-2022	1		1
C5	LT29 - 2022	1	ULT-2022	1				2
C6								0
C8	ICPS-2022	1		0				1
C9			TM, ICFMS	2				2
C10	ICMMSHTS-2022	1	ICMSM	1	ICNAP	1		3
C11	ISLPIHE, ICCHNP-	2	Neutrino,LHCP, ICCHN	2				4
C12	INPC-2022	1	SQM2022, QNP2022	2	DREB-2022	1		4
C13							QA6, CFPLP, QMP-Covid,	4
C14			ICPE-2022, ICPS2	2				2
C15	ICAP-2022 Funds Received	1	ICPHCI, ATTO	2				3
C16	ICPP-2022 Funds Received	1	ESCAMPIG-2022	1				2
C17			CIRP-LANE 2022, OTS	2				2
C18			QMATH, ICGT-MI	2				2
C19					MNTU-2022 (Postponed)	1		1
C20			CCP - 2022	1				1
AC1	25 th ICO-2022	1						1
AC2	23 rd IGR-2022	1						1
AC3	24 th ICA - 2022	1						1
AC4	WCMP - 2022	1						1
	TOTAL	13		19		4		4
	CORRECTED	11		19		3		4
	A			B		C		D

2022 Conference Allocation

	Number of Conferences	Amount of Grant Per Conference	Total Amount Requested	Total Amount Budgeted
Type A	11	€ 10,000	€ 110,000	€ 191,000
Type B	19	€ 5,500	€ 104,500	
Type C	3	€ 0	€ 0	€0 000
Type D	4	€ 5,500	€ 22,000	€ 22,000
TOTAL	37		€ 236,500	€ 213,000
		2021 BUDGET	€ 213,000	
Conference Deficit/Surplus =				-€ 23,500

- 2022 Conference Recommendations to the Council meeting on Cyberspace Oct 2021 (*based only on new submissions, with a number of conferences carried over to 2022*)
- An overall 2022 Conference Budget of €213 000 has been assumed (€191 000 + € 22 000)
- Assuming all conferences are funded as summarized:
- Current allocations assumptions: [
 - €07 000 Conference grant for each type A + €03 000 Travel grant.
 - €05 500 Conference grant for each type B and • €05 500 /06 000 Grant for each type D]
- With the above recommendations carried, Current estimates yield a nominal deficit of **- € 23 500**

END

**Conference Procedures for
Sponsorship & Endorsement +
2022 IUPAP Conferences Approved**

Advancing physics across international boundaries for the past 100 years

INTERNATIONAL COMMISSIONS

- C1: Commission on Policy and Finance
- C2: Commission on Symbols, Units, Nomenclature, Atomic Masses and Fundamental Constants
- C3: Statistical Physics
- C4: Astroparticle Physics
- C5: Low Temperature Physics
- C6: Biological Physics
- C8: Semiconductors
- C9: Magnetism
- C10: Structure and Dynamics of Condensed Matter
- C11: Particles and Fields
- C12: Nuclear Physics
- C13: Physics for Development
- C14: Physics Education
- C15: Atomic, Molecular, and Optical Physics
- C16: Plasma Physics
- C17: Laser Physics and Photonics
- C18: Mathematical Physics
- C19: Astrophysics
- C20: Computational Physics

AFFILIATED COMMISSIONS

- AC1: International Commission for Optics
- AC2: International Commission on General Relativity and Gravitation
- AC3: International Commission for Acoustics
- AC4: International Commission on Medical Physics

WORKING GROUPS

- WG1: International Committee for Future Accelerators (ICFA)
- WG2: Communication in Physics
- WG5: Women in Physics
- WG7: International Committee on Ultrahigh Intensity Lasers (ICUIL)
- WG9: International Cooperation in Nuclear Physics (ICNP)
- WG10: Astroparticle Physics International Committee (APPIC)
- WG11: Gravitational Wave International Committee (GWIC)
- WG12: Energy
- WG13: Newtonian constant of Gravitation
- WG14: Accelerator Science
- WG15: Soft Matter
- WG16: Industry
- WG17: Centenary

AIMS

- To stimulate and promote international cooperation, communication, research and education in physics;
- To foster inclusiveness and diversity in physics;
- To uphold openness, honesty and integrity in the practice, application and promotion of physics;
- To support the free circulation of scientists;
- To promote international agreements on symbols, units and nomenclature; and cooperating with other organizations on disciplinary and interdisciplinary problems.
- To help in the application of physics toward solving problems of concern to humanity.

2022

The yearlong CENTENARY celebrations will:

- Increase awareness of physics discoveries and the close ties among physicists at research centres globally
- Stimulate worldwide interest in physics and science, as a tool for education and a motor of innovation, technology & economic development.
- Reach out to the global physics community, national science organisations, policy-makers, societies, students, families and the general public.



Conference Sponsorship

Each year, IUPAP sponsors and endorses – 50 conferences annually with special attention given to those held in developing countries.



Inter Union Relations



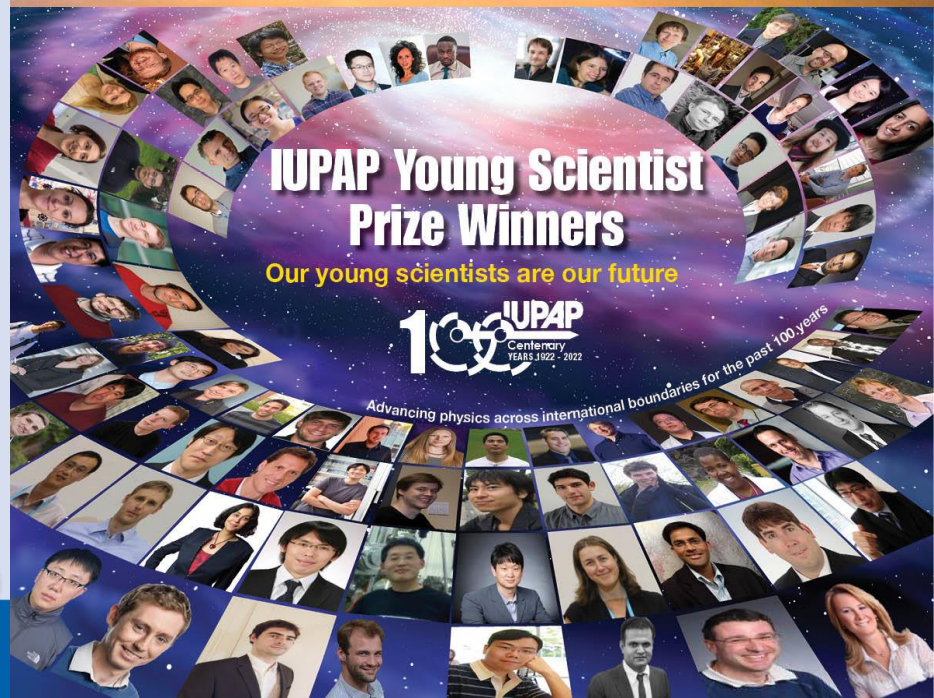
Young Scientist Awards & Commission Awards

– 200 prizes have been awarded in the last 10 years



IUPAP Young Scientist Prize Winners Our young scientists are our future
Advancing physics across international boundaries for the past 100 years

2022 – IUPAP Celebrates 100 years!



IUPAP Young Scientist Prize Winners

Our young scientists are our future



Advancing physics across international boundaries for the past 100 years

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END

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2022 IUPAP Conference Procedures