



C4 - Joakim Edsjö, Stockholm University

C11 - Johan Rathsmann, Lund University

IUPAP = International Union of Pure and Applied Physics

IUPAP mission

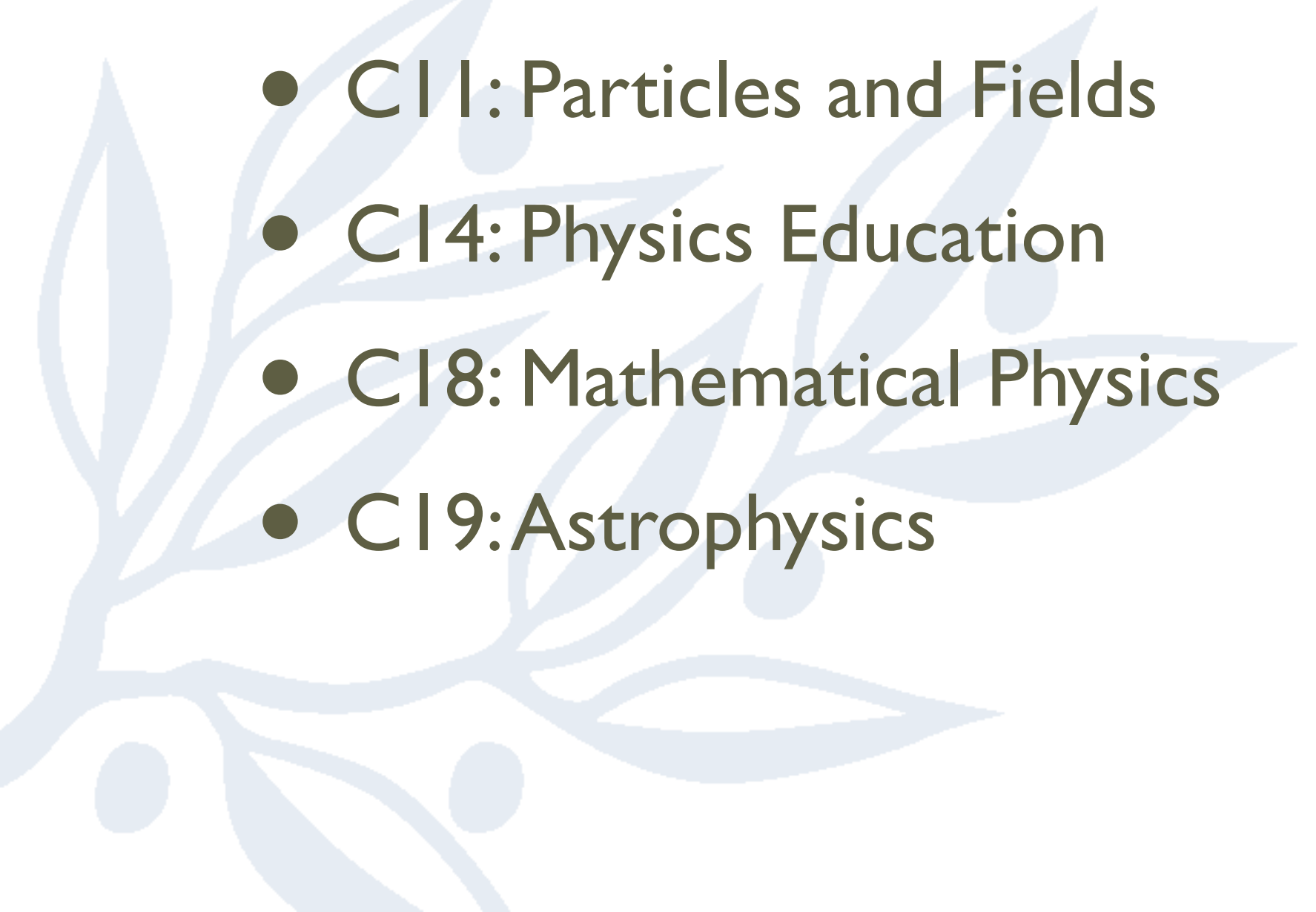
- assist in the worldwide development of physics,
- foster international cooperation in physics,
- help in the application of physics toward solving problems of concern to humanity

IUPAP aims

The aims of the Union are:

- to stimulate and promote international cooperation in physics;
- to sponsor suitable international meetings and to assist organizing committees;
- to foster the preparation and the publication of abstracts of papers and tables of physical constants;
- to promote international agreements on other use of symbols, units, nomenclature and standards;
- to foster free circulation of scientists; to encourage research and education.

Commissions (20 in total)

- C4: Astroparticle Physics
 - C11: Particles and Fields
 - C14: Physics Education
 - C18: Mathematical Physics
 - C19: Astrophysics
- 
- A decorative graphic of a blue leafy branch is positioned on the left side of the slide, extending from the bottom towards the middle. The leaves are stylized and layered, creating a sense of depth.

C4 commission: Astroparticle Physics

- C4 was renamed from *Cosmic Rays* to *Astroparticle Physics* in 2013. Mandate:

“...to promote the exchange of information and views among the members of the international scientific community in the general field of Astroparticle Physics.”

- Motivation of name change: to broaden C4 and include also e.g. dark matter
- Connects to C11 (Particles and Fields) and C19 (Astrophysics)
- Chair: Karl-Heinz Kampert (-2017), Sunil Gupta (2018-2020)
Member from Sweden: Joakim Edsjö (2018-2020)

Work in commission

- Conference support
- IAB for the ICRC conference
- Award nominations
- Newsletter to IUPAP ← **Sign up at iupap.org**
- Sometimes answer enquiries from IUPAP (e.g. data policies)
- Telecons a few times a year and face to face meetings at the ICRC conference

Conferences

- C4 can support conferences in Astroparticle Physics:
Category A: up to 11500€ for the main conference, in our case ICRC
Category B: up to 5000€ (apply to C4 Chair Sunil Gupta)
Category C: only moral support, i.e. recognition as IUAP recognized conference which often helps for receiving third party support.
- Main conference: ICRC (bi-annually).
2017: Busan, South Korea
2019: Madison, WI, USA
2021: Berlin, Germany
Important that also e.g. dark matter community participates!
- Other conferences: idm, TeVPA, TAUP, ISVHECRI, ECRS...
- Note: conferences need to follow IUPAP rules, e.g. have reasonable VISA conditions (USA is hence a bit problematic)



ICRC 2017

Busan, South Korea



- 1100 abstracts submitted (~900 accepted, oral/poster)
- 818 participants (91 no-shows, particularly problematic for gamma)
- Why on-site registration?
- Proceedings with two deadlines (before and slightly after). Good? They are very important for some fields

Awards

- C4 selects winners of several awards. This is a good way to recognize outstanding scientists (young and old), so **please nominate** (to Sunil Gupta) your excellent candidates!
- IUPAP Young Scientist Prize in Astroparticle Physics
in recognition of outstanding contribution of a young scientist to the area of Astroparticle Physics
2017: Julian Sitarek and Frank G. Schröder
- IUPAP-TIFR Homi Bhabha Medal and Prize
to an active scientist who has made distinguished contributions in the field of high-energy cosmic-ray physics and astroparticle physics over an extended academic career
2017: Subir Sarkar
- O’Ceallaigh Medal
to honour scientists who have made distinguished contributions to Cosmic Ray Physics
2017: Christian Spiering
- Shakti Duggal Award
to recognize an outstanding young scientist for contributions in any branch of cosmic ray physics
2017: Abigail Vieregg
- Yodh Prize
to recognize a scientist whose research career has had a major impact on the understanding of cosmic rays
2017: Jordan Goodman

Deadline for nomination is usually in February the year of an ICRC (2019, 2021, ...)

ICRC2019

36th International Cosmic Ray Conference - Madison, WI, USA



[Home](#)

[Agenda](#)

[Registration](#)

[Meeting Site](#)

[Speakers](#)

[Abstracts](#)

[Prizes & Awards](#)

[Contact Us](#)

Welcome to the 2019 International Cosmic Ray Conference

The 2019 Program will be held in beautiful Madison, WI, USA
from July 24th - August 1st!

C4 - Summary and questions

- My (Joakim's) mandate in the C4 commission is primarily to represent our field, i.e. astroparticle physics
- I encourage more participation at ICRC
- Nominate for awards! (there are in general too few nominations)
- Conference support possibility
- Does the section want more from IUPAP?
(Not often questions arise that are outside of conference support or nominations though.)

C11 - Particles and Fields

14 members, mandate Jan 1, 2018 — Dec 31, 2020,
Chair: Heidi Schellman, Member from Sweden: Johan Rathsmann

Governing body for ICHEP and Lepton-Photon conferences

- Decides on organizers: Lepton-Photon 2019 Toronto, ICHEP 2020 Prague, Lepton-Photon 2021 ?????
- Final decision ideally made at ICHEP for 4 years ahead, candidates should make proposals well before that
- Follows up planning, gets reports and gives feedback. Both on overall organisation and scientific program
- New format of Lepton-Photon to counteract dwindling participation - both parallel and poster sessions

Other tasks:

- Receives applications and proposes level of support to international conferences (\$10.000, \$5.000, \$2.000)
- Gets reports from supported conferences
- Ensures supported conferences fulfill criteria regarding: affordability, world-wide participation and gender equality
- New criterion for support - "code of conduct": ...*all participants 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...*
- Decides on bi-annual Young Particle Physicist Prize, awarded at ICHEP - **need nominations**



Toronto, August 5-10



For more details see <http://leptonphoton2019.ca>