

IUPAP

C4 Commission

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IUPAP = International Union of Pure and Applied Physics



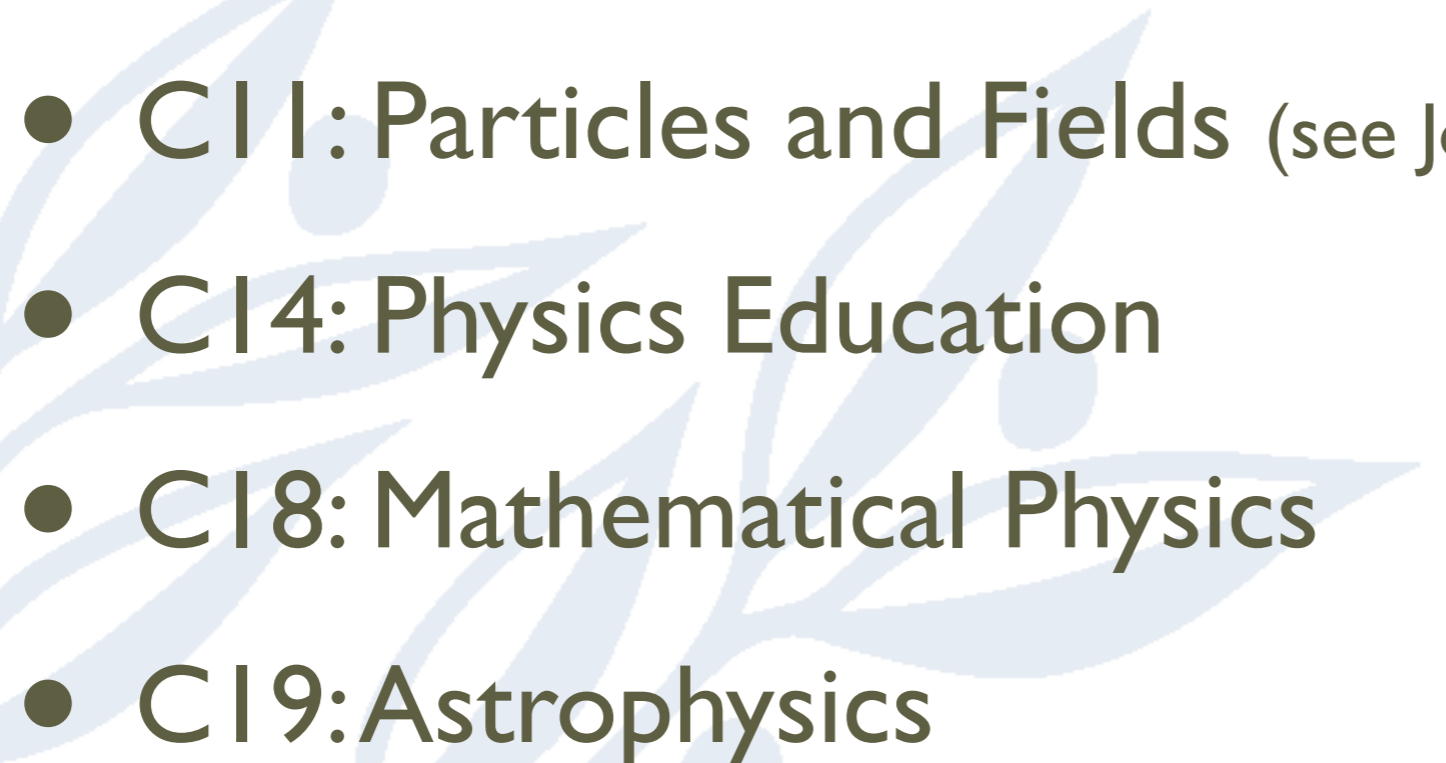
Stockholm
University

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 (see Johan's talk)
 - C14: Physics Education
 - C18: Mathematical Physics
 - C19: Astrophysics
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- A decorative graphic of a blue leafy branch is positioned on the left side of the slide, extending from the bottom towards the top. The leaves are stylized and layered, creating a sense of depth and movement.

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: idm2016, TeVPA, TAUP, ISVHECRI, ECRS...
- Note: conferences need to follow IUPAP rules, e.g. have reasonable VISA conditions. Hence, the U.S. is downprioritized at the moment



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, ...)

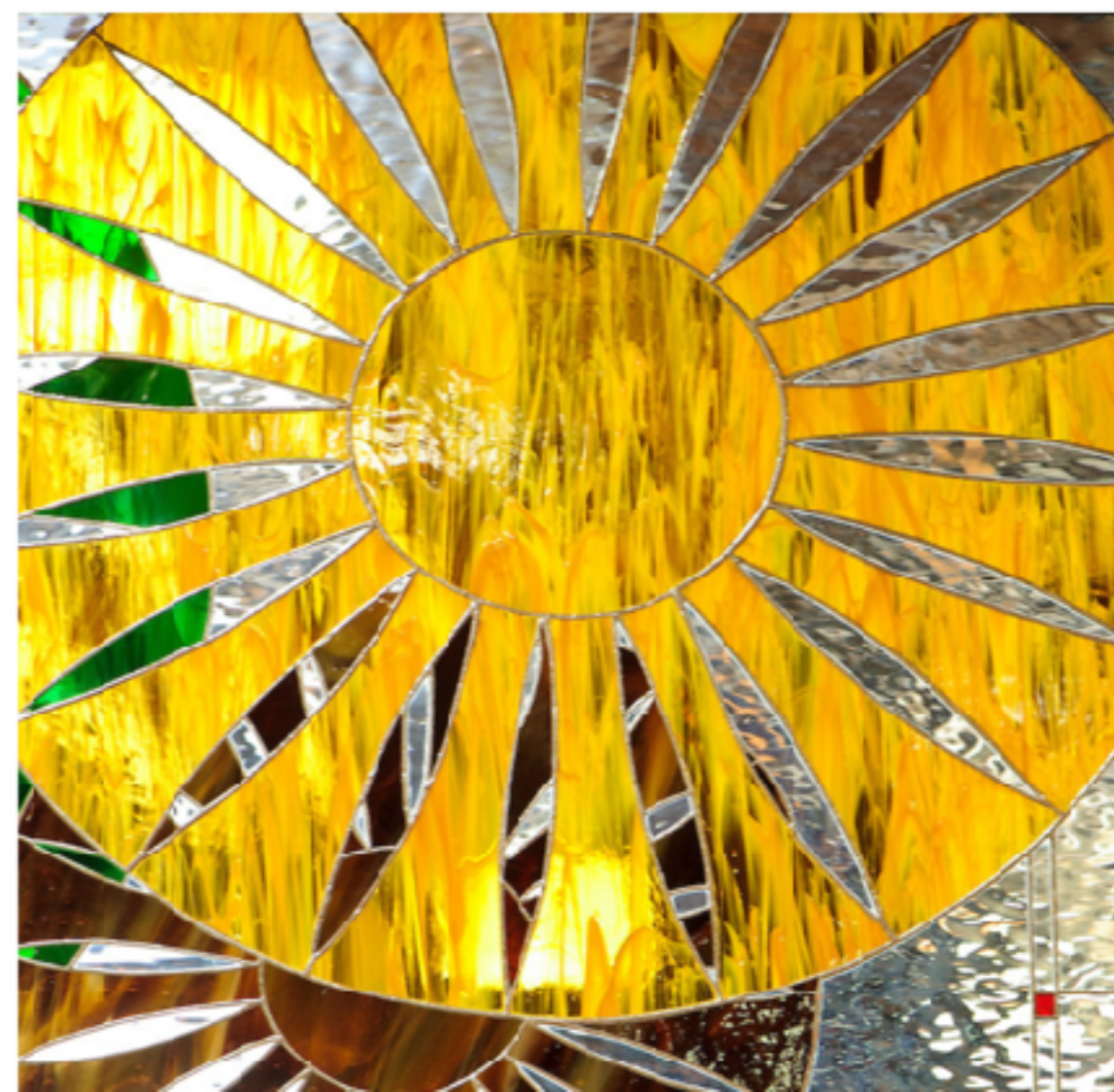
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Welcome to the 2019 International Cosmic Ray Conference!

The 2019 program will be held in beautiful
Madison, WI, USA from July 25th-August 1st!

Important Dates

Abstract Submission Deadline: TBD
Early Registration Deadline: TBD
Abstract Selection Notifications: TBD
Proceedings Submission Deadline: TBD
Cancellation Deadline: TBD



Summary and questions

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