E ASTROPARTICLE PHYSICS CONFERENCE Berlin | Germany

CRC

37th International Cosmic Ray Conference 12–23 July 2021

Circular

6 July 2021

Pre-Opening on 7 July

On 7 July 14.00-15:00 (Berlin Time) in a pre-opening event, the conference is presented and explained. (Zoom Webinar, login details, ...) Access on ViMP

What are its structure and its components (plenary and parallel sessions, the archive of contributions, the scientific program, the proceedings)? How to navigate, find materials and make your own timetable? How to contact presenters, comment and ask? Where to meet and mingle? What tools are used? How to get access? How to get help? What else is offered? (Fairs, Careers, Diversity, Sustainability, Public Lecture, Explore Berlin)

On 7 July 15.00-16:30 (Berlin Time) use the system, try its features, browse the program, ... Zoom Meeting with break-out rooms for support on various topics. Access on ViMP

Supporters wait for your queries on:

- Conference Platform ViMP archive and program
- Zoom & Live Streams
- Technical Supporters & Mission Control
- Scientific Contents & Press

ICRC Venue

LOC Institutes and Organisations

From 7 July on, conference materials are available at <u>https://icrc2021-venue.desy.de</u> for browsing and viewing, helplines and Coffee Bars are open for support and socialising, before, on 12 July, with the formal Opening, the plenary talks program and the topical discussion sessions begin. We are **NOT Using Indico any more**.

Introducing Remo (Presenter Forum) on 8 July

The Presenter Forum is the place where participants can meet presenters to talk about those contributions which have not been discussed already in the discussion parallel sessions. It is organized with the Remo tool in "halls", "floors", "rooms" and "tables". Each table shows one contribution, for up to 5 visitors. Participants can stroll from table to table to view the contributions of their interest. Presenters can pin up their contribution, slides, poster, proceedings paper or other, to illustrate their work and answer questions. Access on ViMP

Note that the "Presenter Forum" is **scheduled two times with the identical display of contributions**: once for the western hemisphere (on 16 July at 18:00-19:30 Berlin time), and once for the eastern hemisphere (on 19 July at 12:00-13:30 Berlin time). Presenters should attend their

contributions **both times** in the same "hall", "floor", "table" in the Remo tool. Think of a session that spans 180 minutes, on two days, each day serving about a half of the audience. Conference attendees can of course view contributions during both sessions.

How to discuss in the parallel Discussion Sessions?

For conveners, presenters and participants of the Discussion sessions: The discussion sessions are held via Zoom and the sessions are recorded, thus recording also the directly asked questions and answers. The use of the chat function in Zoom is discouraged. For written questions, especially the ones entered after the discussion session, please use only the commenting window in ViMP in the "Session Record" Container (the first one in the session). Here, questions and comments can be posed and read also long after the meeting. Conveners and presenters, please check regularly after your session whether new questions appear, e.g. from participants watching the discussion session at a later time.

There are no sessions where all those contributions are scheduled one after the other, or are to be viewed at the same time in the same virtual room. Everyone is free to see any talk at any time and comment and ask questions via the chat tool. (see also circular from 14 June: https://icrc2021.desy.de/icrc_2021/circulars/)

Prizes for the best contributions (talks or posters)

We will award six prizes for the best contributions (three for best talks and three for best posters). Being an online conference where each participant can "like" a contribution, this is easy to assess. The contributions with the largest number of likes are selected and then looked at closely by a panel of experts. The winners are presented in the closing session.

So please, when looking through the contributions do not forget to mark the ones you like.

The Diversity Interactive Video Project

You are still invited to participate in the Diversity Interactive Video Project. For more details and how to participate, see <u>https://icrc2021-venue.desy.de/pages/view/id/35</u>

The Diversity Film: Picture a Scientist

To get free tickets for the acclaimed documentary: Picture a Scientist. For more details and how to get tickets, see <u>https://icrc2021-venue.desy.de/pages/view/id/35</u>

Careers: Job Board

At a Job Board, conference participants can post job adverts and job searches for Astroparticle Physics (and related industries) for Master and PhD students, postdocs, and staff, with the idea to allow first contacts between those offering and seeking at the conference. The Job Board is open now. Please post your adverts and watch upcoming opportunities at https://indico.desy.de/event/30670/

View the details of an advert to find the name of the contact person at the conference.

Kind regards,

Johannes Knapp, Julia Eckert for the Local Organising Committee -icrc2021@desy.de -



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1 July 2021

ICRC Conference Platform (ViMP) is Open

The ViMP Conference Platform is open for the upload of your materials and for browsing. The ViMP platform regulates the access to sessions and materials, holds all conference materials and provides a detailed timetable and participants information. Note: The INDICO page should no longer be used.

All sessions (plenary, discussion, fringe) will be held in Zoom and live-streamed in ViMP and most of them will be recorded for viewing at different times.

First Access to ViMP and Upload Materials

For first access, please

- 1. Go to https://icrc2021.desy.de/venue/
- 2. Log in with your conference e-mail and password
- 3. Once logged in, please change your password.
- 4. Optional: Edit your profile, add a picture, ...

Find and upload your contribution(s) by

- 5. On top of the screen you'll see your account.
- 6. Click on it and select "My Contributions".
- 7. Select a contribution.

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8. Watch the placeholder video. It explains the upload of materials.

Reminder of what is expected <u>https://icrc2021.desy.de/qa/</u> "Contributions". The deadline for the upload for the contributions is on Monday, 5 July 23:59 (Berlin Time).

Note: The proceedings articles are supposed to be uploaded to the PoS Sissa Platform. You have received an e-mail from PoS with the necessary details. In ViMP you find with every contribution a link to the corresponding proceedings article on the PoS pages.

Shortly after uploading, the contributions become visible to all participants and the study of materials can begin.

Start Browsing, Make your Own Timetable

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A good next step is to view the timetable, where plenary sessions, discussion sessions, the presenter forum and the fringe sessions are listed. Find the sessions and talks of interest to you. Once the materials are uploaded you can view pre-recorded talks, or slides of contributions.

Whole sessions can be added to your private timetable by clicking on "add to timetable". Individual contributions can be added by clicking on the heart symbol beneath the video window. Your private timetable is then shown in chronological order when clicking "My Timtable".

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To join a scheduled plenary talk or a discussion session, find at the right time the corresponding entry in ViMP and either connect through the Zoom link provided (the password is always ICRC2021) or use the link to the live stream in ViMP.

See also info in our previous circular from 14 June: https://icrc2021.desy.de/icrc 2021/circulars/.

Explore the Communication Tools

To each contribution, questions and comments can be posed via the comment field in ViMP, underneath the video window. You can start posting comments and questions from 7 July. Presenters will receive an e-mail whenever a comment is entered. They are supposed to answer the entries within a day via the **same comment window.** Questions and answers remain visible to all, as long as the contribution is kept in ViMP

Send **"personal messages" (PMs)** to each participant via the messaging tool of VIMP. Find a person in the "Participant List" and "send PM".

Meet in our **ICRC Coffee Bars** throughout the conference. They are open around the clock (24h/7d) from 7 July to the end of the conference. We have three Coffee Bars with more than 50 breakout rooms each.

Berlin Coffee Bar: famous places in Berlin

Physicists Coffee Bar: famous physicists, relevant to Astroparticle Physics

World Coffee Bar: coffee specialties from around the world

Use an empty breakout room to get a good chat with friends and colleagues. Unfortunately, there is no coffee served.

Pre-Opening And Opening

Pre-Opening

Wednesday, 7 July | 14:00–15:00 AND 15:00–16:30 (Berlin Time) More technical information on how to use ViMP, Zoom, Remo and the ZOOM Helpdesk plus practice session with open Helpdesk. Access via ViMP

Remo Practice

Thursday, 8 July | 14:00–16:00 (Berlin Time) Access via ViMP for the Presenter Forum

Opening

Monday, 12 July | **13:30**–15:30 (Berlin Time) Welcome and Official Opening Access via ViMP

Career, Diversity, Sustainability

We invite your attendance and participation in our meetings beside the scientific program.

- Contribute (now) to the Diversity Interactive Video Project.
- Get tickets for the acclaimed movie "Picture a Scientist" and participate in a discussion session.
- Use the ICRC Job Board to post job offers and job searches to ICRC participants.
- Participate in the "Speed-Dating recently tenured physicists"
- Attend a Scientific Writing Course

- Visit very relevant talks and a panel discussion on Sustainability in Astroparticle Physics.

Please check the VIMP Platform for more information.





Industry and Science Fair

As presenter in the Industry or Science Fair you can portray your company or project in the "Presenter Forums" and use all the communication tools available to all participants (see "Communication Tools" above). You should upload your material before the conference starts.

Public Evening Lecture

The VF Hess Memorial Lecture is traditionally given during the ICRC in the host country in the local language. The interested public is cordially invited to learn more about this exciting research topic. This year it is given on 22 July, 18:00 (in German | Berlin Time).

"Abenteuer Astroparticle Physics: Energiereiche Teilchen aus dem Kosmos" by Prof Dr Werner Hofmann, MPIK, Heidelberg

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Online: <u>https://desy.zoom.us/j/98115804815</u> Live-Stream: <u>https://desy.de/youtube</u> Poster: https://icrc2021.desy.de/downloads/ICRC PublicLecture.pdf

Kind regards, Johannes Knapp, Julia Eckert for the Local Organising Committee -<u>icrc2021@desy.de</u> -





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Circular

14 June 2021

Timetable

See here: https://indico.desy.de/event/27991/timetable

Core time:

To accommodate participants from time zones from Tokyo (Berlin +7 h) to Los Angeles (Berlin -9 h), the conference schedule is centered around 16:00 h Berlin time. In the core time, plenary presentations (Invited talks, Highlight talks, Rapporteur talks) are scheduled which are live streamed and recorded.

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Berlin | Germany 37th International Cosmic Ray Conference

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Before and after the core time:

In topical discussion sessions, conference contributions that are relevant to the respective topic are discussed. Usually these sessions will start with a brief introduction of the session and of selected contributions. Presenters of the selected contributions are supposed to be online 15 minutes before the session start. Then follows the discussion part, led by the conveners. These sessions are organised in parallel (12 sessions, up to 5 parallels, 90 min each).

All contributions which are not featured within the Discussion Sessions will be scheduled for small-group discussions with the presenter and interested participants during two "Presenter Forum" sessions. Presenters are expected to be online, in both sessions, and ready to discuss their contributions, with participants from all time zones (see also below: Conference Platform).

A number of fringe meetings (on sustainability, careers and diversity) are also scheduled in the times before and after the core time.

At any time:

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Plenary talks, parallel discussion sessions and fringe meetings will be live recorded and stored shortly after in our Conference Archive to be viewed at any time. All conference contributions (short talks or posters, pre-recorded) are supposed to be uploaded already before the conference.

Speakers (Talks and Posters)

Your contribution/s will be scheduled either in one of the parallel discussion sessions or in the two presenter forums. Please check where and when your contribution is featured here: https://indico.desy.de/event/27991/contributions/

Some Discussion Sessions are not filled yet.

After we get the missing information, we will add the remaining contributions to the Presenter Forum. Latest 21 July.

You are expected to be present (15 min before the session or the "Presenter Forum" starts) in order to answer questions explain your work and participate in the discussion, even if it is at an inconvenient time in your timezone. Think of the many participants that otherwise will miss the direct contact with you.

We have two types of contributions: "talks" and "posters".

For talks we expect

- 12-min pre-recorded talk (.mp4 file)
- the slides for this talk (.pdf)

- a one-page executive summary (.pdf) to introduce a contribution in the discussion session or the presenter forum

- an up to 8-page proceedings article (.pdf upload to proceedings page)

For posters we expect

- a one-page classical poster, 16:9 landscape (.pdf) – better view on screen

- a 2-min pre-recorded flash talk (.mp4 file)
- the slides for the flash talk (.pdf)

- a one-page executive summary (.pdf) to introduce a contribution in the discussion session or the presenter forum.

- an up to 8-page proceedings article (.pdf upload to the proceedings page)

Speakers are expected to

- upload your materials no later than 5 July to the conference platform. This is a strict deadline. Especially, the conveners need to see your submissions to prepare for their discussion sessions. Corrective uploads are still possible.

- be online 15 minutes before the session start

- be online in both "Presenter Forum" sessions (see below "Presenter Forum), if you are scheduled there

- answer Q&As to each contribution. For each contribution participants can post questions and comments on the Conference Platform via the comment field. Speakers are supposed to answer these chat entries for their contributions within a day. They will automatically be informed via e-mail about new comments.

Conference Platform (VIMP & More)

Each session will be streamed in ZOOM (Q&A) and on our Conference Platform VIMP (only viewing, offline comments). Also, each session will be recorded and made available for participants at other times.

Our conference platform is based on VIMP. It will be available from 1 July for all registered participants. The system already knows you as participant from your registration e-mail address. The system already knows your contribution (e.g. title, abstract, discussion session time, link to the proceedings paper, authors,...).

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Functions. You can

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- correct/amend your personal profile.

- upload your conference materials.
- create your personal timetable.
- see on the participant list and if a registered person is online and can get in contact via the VIMP messaging.
- search for contributions, topics, speakers, keywords, ...

How to communicate

- To each contribution, questions and comments can be posed via the comment field. Presenters are supposed to answer the chat entries for their contributions within a day.
- Send personal messages to each participant via the messaging tool of VIMP.
- Meet in our ZOOM Coffee Bars (24h/7days) throughout the conference.

The "Presenter Forum"

- is scheduled for two time slots to be reachable for participants from all time zones. The two slots are Friday 16 July 18:00-20:00 and Monday, 19 July 12:00-14:00 (Berlin time).
- We will provide a practice meeting on 8 July, 14:00-16:00 for all interested participants. Access details will follow later.
- We use the remo tool (<u>https://www.youtube.com/watch?v=P01JxUBNU2Y</u>) for that.
 Each contribution will be assigned a virtual "table" for up to 5 visitors (in a meeting "room", on a "floor", in a "building") with a whiteboard where posters, slides and papers can be shown and discussed.

Proceedings

Templates are available here: <u>https://icrc2021.desy.de/proceedings/</u> All proceedings articles will be here: <u>https://pos.sissa.it/395</u> A link will be stored with your contribution in VIMP that goes right to your proceedings article in the PoS site.

Career

We will provide two masterclasses on how to write a scientific paper. One is at 12:00 and one at 18:00 (Berlin time), to serve equally very eastern and very western timezones. The masterclasses are meant for Master or PhD students and young postdocs. Each Masterclass has two 90-min sessions. Participation is limited to 30 persons per Masterclass. Please, register here: <u>https://indico.desy.de/event/30551</u> It is on a first-come – first-serve basis.

Diversity

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Celebrate the diversity of thought and experience held within our large, international community through an interactive video project. Interactive means: We need your help! If you can spare just 10 minutes of your time to participate, we would really appreciate it! *Everyone* is encouraged to participate in the project - all genders, ethnicities, ages,

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abilities are welcome! You can find more information on the ICRC website: <u>https://indico.desy.de/event/29256</u>.

Video uploads via this indico page are due by 27 June. For questions, please contact Summer Blot (summer.blot@desy.de).

Industry and Science Fair

As presenter in the Industry or Science Fair you can portray your company or project in the "Presenter Forums" and use all the communication tools available to all participants (see "How to communicate" above). In addition, you can send us one slide (landscape format) to advertise your exhibit during the coffee breaks of the plenary sessions.

How to apply: <u>https://icrc2021.desy.de/participate/#e133377</u>

Registration

The registration is still open. Please continue to advertise the conference and register for participation: <u>https://icrc2021.desy.de/registration/</u>.

Regular registration ends on 31 June. Beyond that date late registration fee 200 € applies and no discounts are given any more.

Kind regards, Johannes Knapp, Julia Eckert for the Local Organising Committee -<u>icrc2021@desy.de</u> -

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13 April 2021

Participants statistics

For the ICRC 2021, a total of 1380 contributions (693 talks and 687 posters) have been accepted by the International Science Program Committee. The contributions can be viewed <u>here</u>.

Final registration and payment

By the end of this week (16 April), requests for the final registration and invoices for the payments will be sent out by our Welcome Manager (BESL). Please make your payment within two weeks of receiving the request.

Prepare your contribution

For **talks**: prepare your slides (pdf), pre-record a 12-min talk and write a proceedings article. For **posters**: prepare your poster (pdf), pre-record a 2-min flash talk and write a proceedings article.

You need to upload all materials before 5 July. More information will follow.

Every presenter, regardless if talk or poster, will be invited to a parallel discussion session or will get a virtual table in the "Presenter Forum", a kind of virtual poster exhibition (2 x 90 min), where small groups or individuals can discuss contributions.

Proceedings articles

The proceedings will be published in a volume of the Proceedings of Science (PoS). More information and Templates are available <u>here</u>.

Preliminary program

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A preliminary program of the plenary and parallel sessions, as well as of various fringe meetings, will become available at the beginning of June.



Industry and Science exhibitions

Part of the ICRC 2021 is an Industry Fair. Please, invite your important industrial partners to participate.

Also a virtually Science Fair will be held to showcase anything relevant and interesting from astroparticle physics, that does not fit easily into a science talk or poster. Be it artistic photos, stunning film clips, new project descriptions, outreach projects, anything of potential interest is welcome.

More information on the scope of the two fairs and the conditions for participation can be obtained from the <u>webpage</u> or contact <u>icrc2021exhibition@desy.de</u>.

Registration is still open

Please continue to advertise the conference and register for participation.

Kind regards, Johannes Knapp for the Local Organising Committee - <u>icrc2021@desy.de</u> -





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8 March 2021

Abstract submission closed | Fee reduced

A few days ago, the submission of abstracts for the ICRC 2021 has been closed.

We are very happy to announce that we have received about 1400 abstracts from about 54 countries and from all parts of astroparticle physics. With this, the capacity for abstracts to the ICRC has been reached.

Thank you very much for the great response.

On this basis, we are now able to reduce the conference fee significantly: 80 € regular fee for participation 50 € fee per paper

You will find these numbers on the invoices (in April).

Further dates

End of March notification of acceptance of your contribution Mid April invoices for payment are sent out Contribution abstracts become visible Beginning of June Timetables and program will be ready

Registration for participation

Please continue to advertise the conference and register for participation.

Kind regards, Johannes Knapp for the Local Organising Committee - <u>icrc2021@desy.de</u> -

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HE ASTROPARTICLE PHYSICS CONFERENCE

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23 February 2021

Last reminder: Abstract submission ends on 1 March

In very few days, the abstract submission for the International Cosmic Ray Conference is closing. Please submit any contribution you wish to present at the ICRC 2021.

Register for the conference: <u>Click Here</u> **Abstract submission** for contributed talks and posters: <u>Click Here</u>

Fees

Regular fee: 100,00 € Reduced fee: for some young scientists and undergraduates upon application Paper fee: 150,00 € per contribution

The fees for participation and paper submission have been estimated conservatively to break even with about 700 participants and contributions (about 30% less than at the last ICRC). Participation of more than about 700 persons/contributions will allow reduction of the fees. **We will give an appropriate discount**, once all abstracts are assessed and before invoices for payments are sent out (around mid-April).

Reduced Registration Fees

We offer discounts for students and young scientists. Undergraduate students get free participation. Postgraduates and postdocs from developing countries in their first year and with an accepted abstract can get a discount to their fees.

For both reductions an application is needed (<u>Click here</u> for details).

Nomination for prizes closes on 15 March

To suggest deserving persons for the prizes and awards given out at the 37th International Cosmic ray conference 2021, please send **nominations before 15 March**. Awards are made for three young scientists (two IUPAP Young Scientist Awards and the Shakti Duggal Award) and three senior scientists, for a substantial body of work over an extended period (the Bhabha Medal and Prize, the Yodh Prize and the O'Ceallaigh Medal).

See here the details of the nomination requirements.

Kind regards,

Johannes Knapp for the Local Organising Committee - icrc2021@desy.de -

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9 February 2021

Extension of Abstract Submission

Due to numerous queries from the community, we have decided to extend the abstract submission by 2 weeks. Consequently, also the notification on the decision and classification of the abstracts is shifted by 2 weeks.

1 March 2021 - new end of abstract submission

1 April 2021 - new decision on contributions

Registration

Register for the conference: <u>Click Here</u> **Abstract submission** for contributed talks and posters: <u>Click Here</u>

Fees

Regular fee: 100,00 € Reduced fee: for some young scientists and undergraduates upon application Paper fee: 150,00 € per contribution

The fees for participation and paper submission have been estimated conservatively to break even with about 700 participants and contributions (about 30% less than at the last ICRC). Participation of more than about 700 persons/contributions will allow reduction of the fees. **We will give an appropriate discount**, once all abstracts are assessed and before invoices for payments are sent out (around mid-April).

Reduced Registration Fees

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For both reductions an application is needed (<u>Click here</u> for details).

Exhibition of Astroparticle Physics Projects

Would you like to present your collaboration or experiment to the ICRC community? Make a virtual exhibition and link to it from the ICRC exhibition website. Advertise your new projects, show artistic images or stunning movies, catch the fascination and beauty of your work. This could become a showcase of the breadth and adventure of astroparticle physics.

Interested? Contact us at icrc2021exhibition@desy.de.

A similar feature will become available for industries and commercial exhibitors.

Kind regards,

Johannes Knapp for the Local Organising Committee - icrc2021@desy.de -





37th International Cosmic Ray Conference 12–23 July 2021

Berlin | Germany

HE ASTROPARTICLE PHYSICS CONFERENCE

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15 January 2021

Invitation to Participate

The organisers of the ICRC 2021 invite all interested persons to submit abstracts and to register for the 37th International Cosmic Ray Conference (ONLINE), 12–23 July 2021, Berlin, Germany. For conference details see the <u>ICRC 2021 website</u> or contact the conference office at icrc2021@desy.de.

Registration and Abstract Submission are now open

Register for the Conference: Click Here

Registration is open from 15 January to 5 July. Regular fee: 100,00 € Reduced fee: for some young scientists and undergraduates upon application

Abstract submission for contributed talks and posters: Click Here

Abstract submission is open from 15 January to 15 February. Paper fee: $150,00 \in per$ contribution

Topics: Cosmic Ray Physics Gamma Ray Astronomy Neutrino Astronomy & Physics Dark Matter Physics Solar & Heliospheric Physics

New:

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Multi-Messenger Astronomy: connects the classical topics, exploits their combination. Outreach & Education: fringe meeting on methods & activities therein.

Kind regards, Johannes Knapp for the Local Organising Committee - <u>icrc2021@desy.de</u> -15 Jan 2021.