

PARTIKELDAGARNA 2026 · LUND · 18 SEPTEMBER 2026

ICHEP 2030 comes to Sweden

The flagship of particle physics in Lund–Malmö

45th International Conference on High Energy Physics

17–24 July 2030 · Malmömässan, Hyllie · Malmö · ≈1,200 participants

SELECTED BY IUPAP C11 · NATAL, 2 AUGUST 2026

Roman Pasechnik

Lund University — with Valentina Santoro, for the local organising committee

on behalf of the Swedish and Nordic particle-physics community

THE NEWS

On 2 August 2026, IUPAP C11 approved ICHEP 2030 in Lund–Malmö

45TH INTERNATIONAL CONFERENCE ON HIGH ENERGY PHYSICS

17–24 July 2030

Malmömässan, Hyllie (Malmö) · backup week 24–31 July — the venue holds both



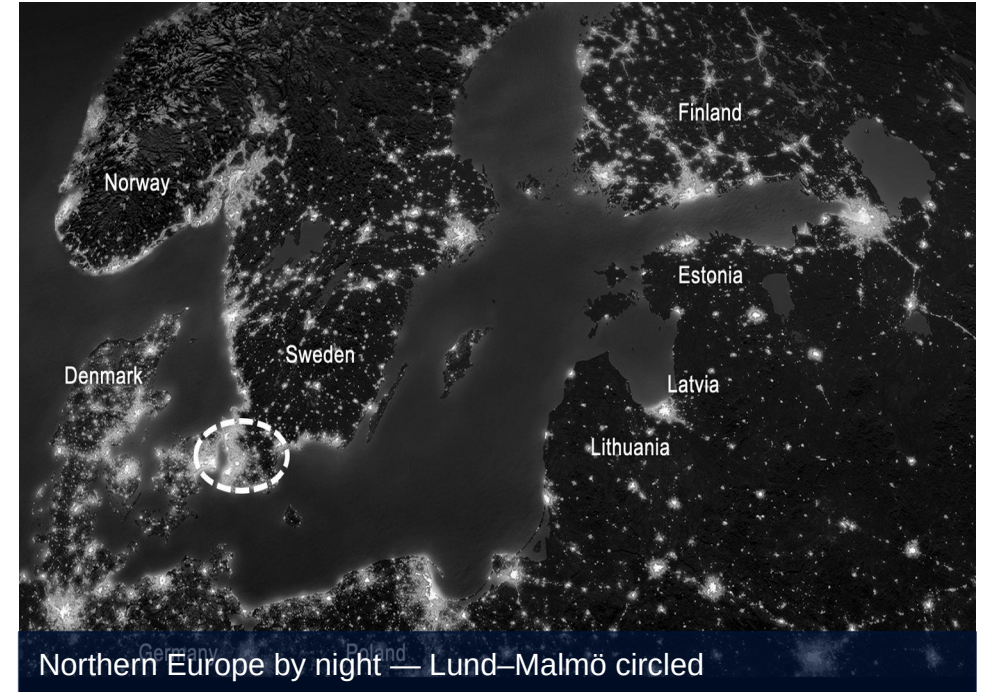
Selected in competition

Chosen at the C11 meeting in Natal over three strong bids — Lyon, Kraków and Glasgow.



A first in 80 years

ICHEP has run since 1950 — never in Sweden, never in the Nordic region.



Northern Europe by night — Lund–Malmö circled

THE ICHEP ROTATION



WHY LUND-MALMÖ WON

The formula: compact, affordable, sustainable — and a clear path

12 min

Airport → venue by direct train

Copenhagen Airport: 164 destinations in 52 countries — one Schengen entry

3 min walk

Venue · hotels · gala · station

≈700 four-star rooms in the same block — no shuttles needed

€225

Student early-bird fee, incl. VAT

below the IUPAP affordability benchmark (≈€320) · delegates early-bird €531

1,200 +

Delegates in Skåne's largest venue

plenary scalable to 2,000 · 3,000 m² exhibition

€719k

Balanced budget, no-loss model

the organiser collects and pays; every euro of surplus goes to participant support

2030

Malmö's climate-neutrality year

rail-first arrival · walkable cluster · eco-certified venue, catering and hotels



WHAT CONVINCED C11

- Venue block pre-booked — written offer in hand
- Budget costed on three competitive PCO quotations
- City & Region in-kind support confirmed
- Five signed letters: Dept. of Physics LU · SPS Particle & Astroparticle Section · City of Malmö · Region Skåne · Big Science Sweden

Twelve minutes from the world. Three minutes to everything. — the line C11 remembered

THE PLACE

Malmömässan, Hyllie — built for exactly this



Malmömässan — entrance and exhibition halls



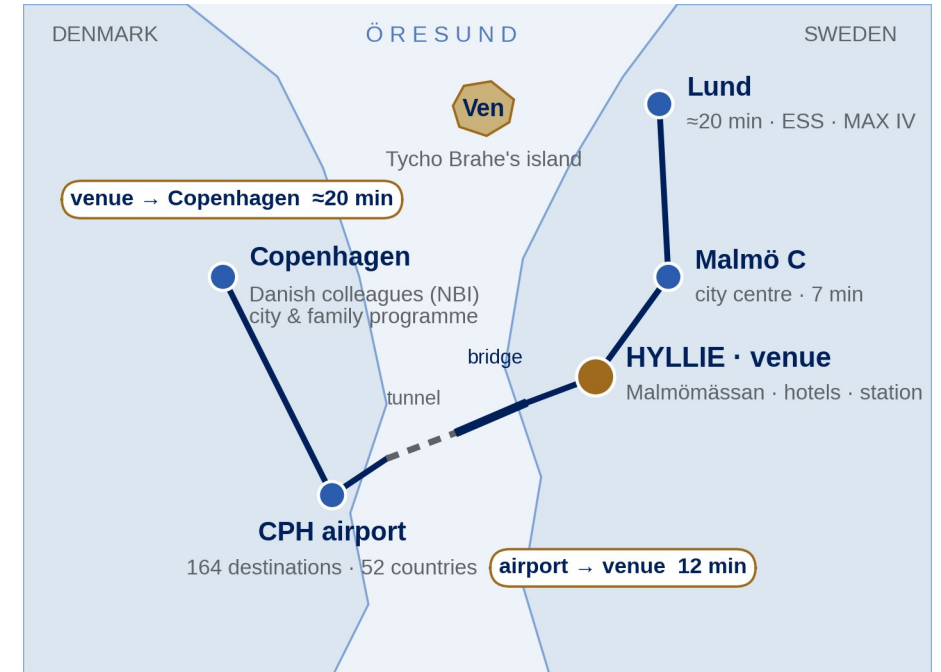
Plenary hall: 1,200 seats, scalable to 2,000



Tiered auditorium — 450 seats



3,000 m² for exhibition, posters and catering

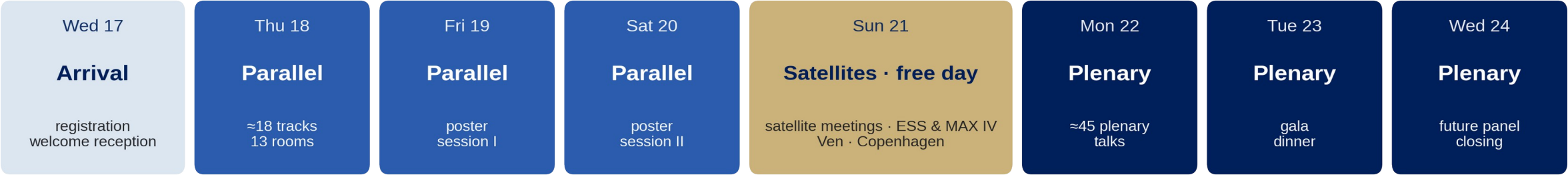


12–13 sound-proofed parallel rooms, 70–550 seats · **1,500** banquet seats · **17** meeting rooms for offices & satellites · **20 min** to Copenhagen — Danish colleagues, day trips

Malmö city centre is 7 minutes away by train, Lund ≈20 min; ESS and MAX IV are the flagship excursion. Free-day options: Ven (Tycho Brahe), Copenhagen, Lund heritage walk.

What a modern ICHEP looks like — and what we have committed to

ICHEP 2030 WEEK · 17–24 JULY



	Bologna 2022	Prague 2024	Natal 2026	Lund–Malmö 2030 (plan)
Participants (students)	1,457 (32%)	1,365 (29%)	1,038 (26%)	≈1,200; minimum of 48 fee waivers budgeted
Parallel talks · tracks · rooms	895 · 17 · 12	918 · 18 · 13	863 · 19	≈900 · ≈18 · 12–13
Plenary talks · posters	37 · 332	45 · 281	49 · 173	≈45 · two poster sessions
Session conveners	98 + 17 local (39% women)	IAC-appointed	4–6 per track + LOC liaison	≈100; international / IAC-approved + LOC liaison
Sponsorship raised	€105k	€115k	€134k	€73k sponsorship + €150k exhibition (≈25 booths) — a target above recent editions
Participant support	≈€60k	€27k	€164k	≈€40k surplus → waivers & bursaries

Sources: LOC reports to IUPAP C11 (Bologna 2022, Prague 2024, Natal 2026). Bologna and Natal support figures include fee waivers and travel grants; sponsorship figures include firms/exhibitors.

In numbers: ≈1,300 abstracts to referee · ≈100 conveners to recruit · 8 days · 12–13 rooms in parallel · a €0.7M operation.

Six weeks after the C11 approval — status and the plan to 2030

DONE

August – September 2026

- 2 August: C11 approval in Natal — reporting to C11 from now on
- Host: Department of Physics, Lund University; LOC chairs R. Pasechnik & V. Santoro
- Lund Division briefed; eight-working-group structure defined
- Today: the national round — the organisation opens to all Swedish & Nordic institutions

NOW · NEAR-TERM

autumn 2026 – 2027

- Form the LOC: scientific secretary, senior experimental co-chair, working-group coordinators and members
- Programme committee seeded by the SPS section board; International Advisory Committee proposed with C11 & ICFA
- Conference organiser: agreement with a bureau under Lund University's framework — or via the university's procurement in 2027
- Plans and commitments: funding roadmap, sponsor & exhibitor prospectus, hotel blocks; identity — logo competition, ic hep2030.org, Indico

2028

going public

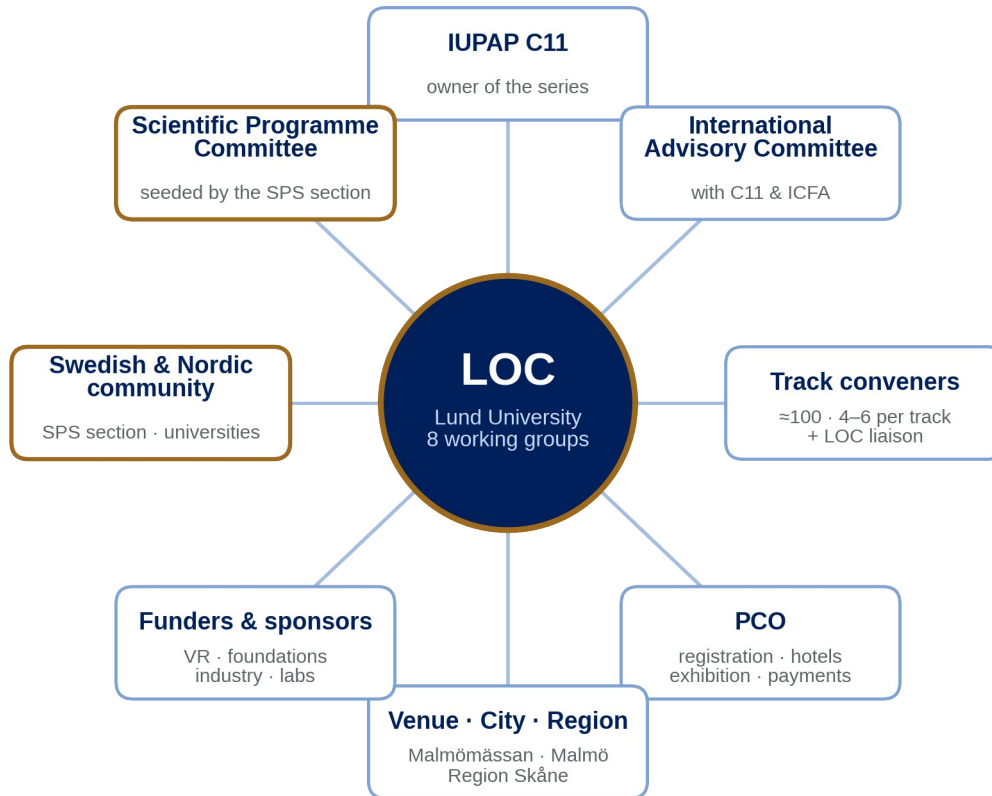
- Delegation to ICHEP 2028 in Bangkok; the closing handover
- Tracks defined with the IAC; convener nominations; full website
- Sponsor & exhibitor campaign opens
- Funding applications (1–2 years ahead): Swedish Research Council, Royal Physiographic Society, Crafoord Foundation, Business Sweden, IUPAP

2029 – 2030

delivery

- 2029: conveners confirmed; satellite call; call for abstracts and registration open in the autumn
- 2030: February abstracts close → March–April selection and plenary invitations → June agenda freeze
- 17–24 July 2030: ICHEP in Lund–Malmö
- Afterwards: PoS proceedings, settlement, surplus to participant support, final report to C11

Who does what — community science, professional logistics



SCIENTIFIC PROGRAMME COMMITTEE — SEED

C. Pérez de los Heros (Uppsala, Section chair) · **R. González Suárez** (Uppsala) · **M. Sjö Dahl** (Lund) · **J. Sjölin** (Stockholm) · **H. Herde** (Lund) · **A. Obertacke** (Stockholm) · **T. Ohlsson** (KTH) · **J. Sobczyk** (Chalmers)

The board of the SPS Particle & Astroparticle Section could naturally seed the programme committee, with the IAC's approval.



International Advisory Committee & ≈100 track conveners

IAC constituted with IUPAP C11 and ICFA (2027) — global, diverse by design. Conveners appointed internationally, 5–6 per track, with one LOC liaison inside every track.



Local Organising Committee

Chairs, scientific secretary, senior experimental co-chair and eight working groups — owns the programme end-to-end, steers committees and conveners, sponsorship, identity, outreach, social programme.

Professionals: the conference organiser runs registration, hotels, exhibition, payments and visa letters under LOC guidance; Malmömassan's project team and the convention bureaus handle the venue and the city.

Natal 2026: how a whole national community carried the flagship

NATAL 2026 — LOC INTERIM REPORT TO C11, 2 AUGUST 2026



LOC of 29 members — one third women — from institutions across Brazil



Eight committees: programme · finance · communication · outreach · poster · infrastructure · social · proceedings



The Brazilian Physical Society as partner: received the registration fees and the sponsorship



19 tracks; 4–6 conveners per track approved by the IAC — one LOC liaison in every track



1,038 registrations · 49 plenary talks · 863 parallel talks · 173 posters



€134k sponsorship (IUPAP, Brazilian & international organisations, labs, firms) · €164k participant support (216 waivers, 127 grants)



Satellites: the IDPASC doctoral school and the PHENOEXP workshop; daycare offered

WHAT WE TAKE FROM NATAL



One committee per function — eight

Our eight working groups mirror Natal's committees one to one (they are the call on the last slide).



A member of the LOC inside every track

Keeps the programme and the conveners connected — adopted as our rule.



A national community, not one institute

29 members from across Brazil; ours should come from across Sweden and the Nordics.



Sponsorship and participant support

€134k raised, €164k redistributed — the model for our €73k + €150k target and our surplus-to-participants rule.



Satellites and services

A doctoral school and a workshop attached; daycare offered — both in our plan.

Source: I. Bediaga & R. Rosenfeld (for the ICHEP 2026 LOC), Interim Report to IUPAP C11, Natal, 2 August 2026 — indico.cern.ch/event/1690521

Also learned from Bologna and Prague: in-person first · maximise parallel-talk slots — a talk is what unlocks travel funding for young researchers.

WHERE WE NEED YOU

Join a working group — bring an initiative

Open now: scientific secretary · senior experimental co-chair · for each working group a coordinator and 2–4 members — from any Swedish or Nordic institution.



1 Programme & conveners

Nominate conveners · shape tracks (sustainability, technology & society) · LOC liaisons per track



2 Proceedings

PoS editorial team · referee coordination · proceedings policy



3 Finance & sponsorship

Leads to industry, foundations and labs · Big Science Sweden · exhibitor ideas — our €223k target starts with your contacts



4 Venue, logistics & IT

Indico, streaming, app · room planning · on-site volunteer corps for 2030



5 Participant support & EDI

Waivers & bursaries · visa desk · childcare · code-of-conduct advisors



6 Communications & design

Logo competition (Bologna's drew 400+ entries) · ichep2030.org · press, CERN Courier, social media



7 Outreach & education

Public lecture · IPPOG & schools · a Nordic outreach programme around the conference



8 Social, excursions & satellites

ESS / MAX IV tours, Ven, Copenhagen · satellite workshops & schools · accompanying persons

CALL FOR SUGGESTIONS AND INITIATIVES

What would make ICHEP 2030 yours? A satellite workshop or school · a session or panel · a sponsor or exhibitor · an outreach idea · a student initiative · a Nordic partner — or simply a working group you want to join. Tell us today, or write to us — everything is open at this stage.

Välkomna till Lund–Malmö 2030! *The first Nordic ICHEP — built by all of us.*

BACKUP

budget & fees · venue · accommodation & travel · IUPAP principles · Natal 2026 statistics · social & outreach programme · sustainability

Preliminary budget — balanced, conservative, no-loss

Income	€
Registration fees (net of 25% VAT)	496,260
Exhibition booths (conservative)	150,000
Sponsorship (Gold / Silver / Bronze)	73,000
City of Malmö & Region Skåne	in-kind
Total income	719,260

Expenditure	€
Venue rental, exhibition build, poster walls	240,000
Catering — coffee breaks + welcome reception	164,400
PCO services (incl. 15% exhibition/sponsor fee)	82,920
Technical & plenary AV (streaming, stage)	51,500
Invited-speaker support	40,000
Decoration, signage, furniture	23,800
Secretariat, badges, website, print	19,000
Card/bank fees · security · misc.	21,568
Contingency (≈5%)	35,963
Total expenditure	679,151

≈€40k

Planned surplus

100% to participant support:
waivers, reduced fees,
accommodation help

0 loss risk

No-loss PCO model

the organiser collects every fee
and pays every invoice; LU never
handles funds

Costed on written 2026 quotations from the venue and three conference organisers · €1 = 11.5 SEK · input VAT reclaimed · exhibition income set conservatively at a mid-range level benchmarked to ICHEP 2024 (EoI wording; ≈25 booths) · fees on the income side are net of 25% VAT.

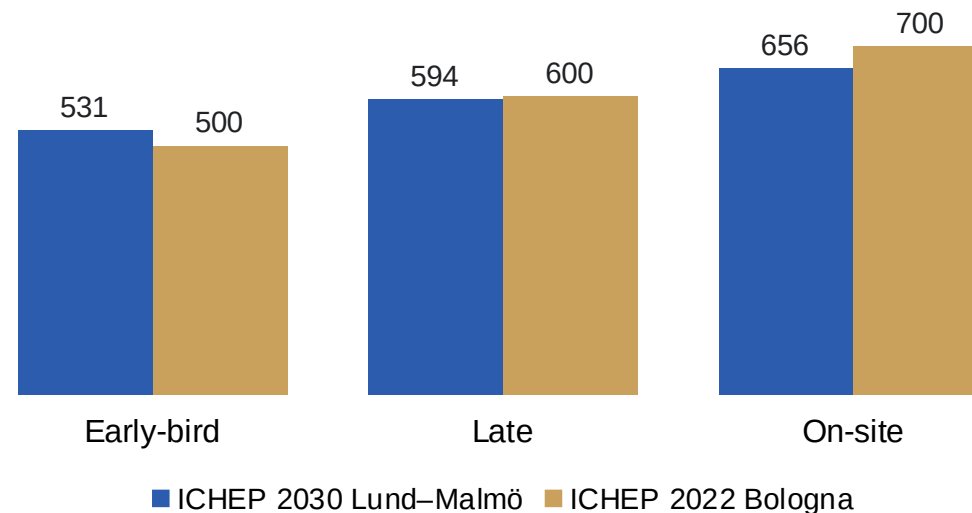
Planned funding applications on top of the balanced budget: Swedish Research Council · Royal Physiographic Society · Crafoord Foundation · Business Sweden · IUPAP · industry partners via Big Science Sweden.

Registration fees kept below the flagship norm

Category	Net €	Participant pays €
Delegate — early-bird	425	531
Delegate — late	475	594
Delegate — on-site	525	656
Student / early-career — early-bird	180	225
Student / early-career — late	235	294
Student / early-career — on-site	285	356
Accompanying person	25	31

Base fee covers: scientific programme · exhibition & posters · coffee breaks · welcome reception. Student early-bird €225 is below the IUPAP affordable-category benchmark (≈€320); ≈48 full waivers and bursaries on top.

Delegate fee (€, incl. VAT) vs a recent European edition



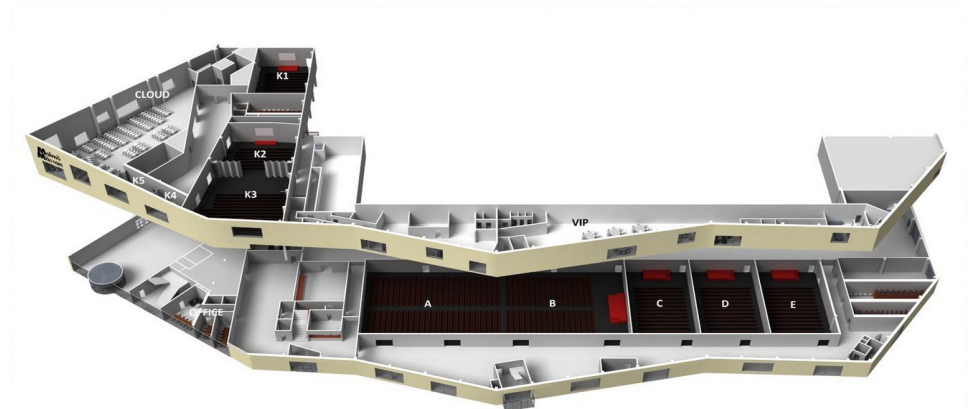
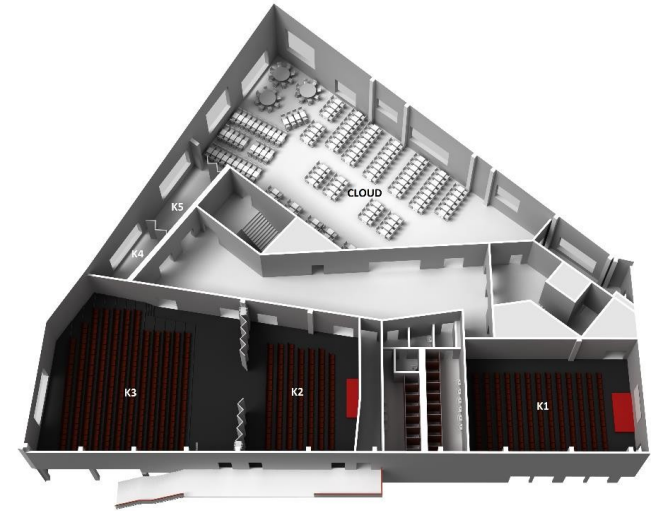
OPTIONAL, AT COST (INCL. VAT)

- Six-day lunch package — ≈€108
- Gala dinner — ≈€98 (Malmömässan) or ≈€113 (Slagthuset), wine included
- Multi-day transport pass — ≈€48, discounted via Region Skåne
- Professional childcare at the venue — priced per need · hotels €125–150 incl. breakfast, ≥10% block discount

Malmömässan — rooms and capacities from the written offer

Space	Seats / size	Use for ICHEP
Plenary hall (built in exhibition hall)	1,200 → 2,000	3 plenary days
Room B / Room K2+K3	500 / 550	largest parallel tracks
Room A (tiered)	450	parallel
Room K3 (tiered)	320	parallel
Rooms K1 · K2	200 · 150	parallel
Rooms C1–E2 (6 rooms)	100 each	parallel
Room K4+K5	70	parallel / satellite
Exhibition + catering area	3,000 m ²	exhibition · posters · breaks · reception
Banquet area (North hall)	1,500 seats	gala dinner
Organisers' office (3 rooms) + foyer	74 m ² + 1,000 m ²	secretariat · registration

Technical package: all rooms with stage, projection, sound and wireless mics · plenary staging by a specialist contractor (≈€46k budgeted) · streaming & recording in the AV budget · building-wide Wi-Fi · 3 entrances · 3,000 parking spaces · 20 bus bays. Full floor plan and pricing: Eol Appendix C.



Where 1,200 people sleep — and how they arrive

Location	Rooms	To venue	Notes
Malmö Arena Hotel (4★)	≈395	1 min walk	block-booking priority
Quality Hotel View (4★)	≈300	2 min walk	block-booking priority
Central Malmö (40+ hotels)	≈4,400	7–12 min by train	Clarion Malmö Live, Scandic, Elite ...
Lund	≈1,750	≈20 min door-to-door	university-town atmosphere
Copenhagen side	≈21,000	12–25 min by train	effectively unlimited overflow

€125–150

Typical 3–4★ rate, incl. breakfast

area range €50–280 — every budget served

≥10%

Guaranteed block discount

dedicated allocations for students & LMIC participants

>90%

Hotels eco-labelled

environmentally certified accommodation stock

GETTING THERE

- Copenhagen Airport (CPH), 24 km: 164 direct destinations in 52 countries; direct intercontinental links to North America and Asia
- CPH → Hyllie: 12 min direct train, every 10–20 min · Hyllie → Malmö C 7 min · Malmö → Lund ≈10 min
- Copenhagen city ≈20 min across the Öresund Bridge; direct rail to continental Europe
- Malmö Airport (MMX) as a European alternative, 25 min · Region Skåne discounted multi-day transport pass (≈€48)

A conference every colleague can attend



Universality & visas

- Schengen entry via Copenhagen — plus a written visa strategy
- Invitation letters issued automatically on registration; dedicated visa desk
- Lund University liaises directly with the Swedish Migration Agency
- Limited remote option at reduced fee for those who genuinely cannot travel



Equity & diversity

- Seed programme committee: five women among eight members
- Diversity an explicit criterion for committees, conveners and speakers
- IUPAP statements on free circulation and anti-harassment published verbatim, with the IUPAP logo
- Two named code-of-conduct advisors; transparent reporting procedures



Families & access

- Professional childcare inside the venue, all week (Natal: offered; modest demand)
- Step-free venue and cluster; inclusive-mobility region
- Accompanying-persons & family programme — Copenhagen next door
- ≈48 full fee waivers and bursaries; surplus to participant support

No bona fide scientist will be excluded — on any grounds.

The programme and the people — from the interim report to C11

Track (19)	Accepted
Neutrino Physics	112
Operation, Performance and Upgrade of Present Detectors	106
Beyond the Standard Model	95
Strong Interactions and Hadron Physics	94
Heavy Ions	80
Quark and Lepton Flavor Physics	75
Astro-particle Physics and Cosmology	65
Detectors for Future Facilities, R&D, Novel Techniques	63
Dark Matter	57
Education & Outreach	51
AI, Machine Learning and Quantum Computing in HEP	48
Electroweak and Top Quark Physics	42
Higgs Physics	40
Software and Computing	33
QFT, String Theory and Quantum Information	21
Accelerator: Physics, Performance, R&D	20
Technology Applications and Industrial Opportunities	16
Equity, Diversity and Inclusion	11
Sustainability	7
Total (without plenaries)	1,036

1,038

registrations

639 delegates · 267 students · 72% men / 27% women

49 · 863 · 173

plenary · parallel · posters

all parallel talks in person (except Sustainability)

€134k

sponsorship

IUPAP €14k · Brazilian support organisations €57k · international organisations & labs €38k · Brazilian labs €15k · firms €10k

€164k

participant support

216 fee waivers / reductions (€89k) · 127 grants (€75k) — students and seniors, Brazil, Latin America, developing countries

By region (contributions): Europe 427 · Latin America 290 · Asia + Australia 132 · US + Canada 124 · other 112. Sweden: 8 contributions, 6 participants.

Science heritage you can only get here



ESS — the flagship excursion



MAX IV — 4th-generation light source



Gala — Malmömässan or Slagthuset



Lund heritage walk



ESS & MAX IV tours

walk inside the world's newest big-science facilities on the free day



Gala for the whole conference

seated dinner up to 1,500 — Malmömässan or the historic Slagthuset



Ven — Tycho Brahe's island

boat across the Öresund to Uraniborg, Europe's 16th-century observatory



Copenhagen & the Niels Bohr Institute

twenty minutes away — day trips with our Danish colleagues; a visit to a founding site of modern physics



Public lecture & schools

public evening lecture by an eminent speaker; outreach event with IPPOG and the universities' programmes



Early-career programme

mentoring & networking activity · poster prizes
· IUPAP Young Scientist Prize plenaries

Welcome reception included in the fee · accompanying-persons programme · Nordic July: 17–22 °C, light past 21:30.

The 2030 conference in the climate-neutral 2030 city



Malmö — climate neutrality pledged for 2030; a founding city of Viable Cities



Rail-first arrival

delegates land at CPH and take a 12-minute train — no taxis, no shuttles, all week



Certified at every link

venue: Svensk Miljöbas · organiser: ISO 20121 sustainable events · >90% of area hotels eco-labelled



Lean by design

eco-certified, locally sourced catering in-house · digital-first materials · discounted regional public transport

THE ÖRESUND SCIENCE REGION

- ESS — set to be the world's most powerful neutron source, being commissioned in Lund; fundamental-physics programme HIBEAM led by our co-chair
- MAX IV — the world's first fourth-generation synchrotron light source (2016), 1,000+ users a year
- Science Village · Ideon Science Park · Big Science Sweden · Ericsson, Axis, Tetra Pak — industry that turns physics into technology
- Lund University (1666): 47,000 students, 2023 Physics Nobel Laureate on the faculty; the Lund string model, PYTHIA and MCnet were born here