

Report from Physics Coordinators

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on behalf of the Physics WG



ILD Software and Analysis meeting
August 28, 2024



LCWS'2024 Proceedings

Will be published in the peer-reviewed journal EPJ Web of Conferences (regular journal!).

Deadline for submission is September 16, less than 3 weeks!

Details are available on [LCWS'2024 indico page](#)



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Deadline for submission is September 30

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Please note that the proceeding contribution, when including ILD results, should be sent to PSB about 10 days earlier, to allow for comments from PSB and collaboration!



Meetings

3rd ECFA study workshop 2024

Paris, France, **October 9-11, 2024**

<https://indico.in2p3.fr/event/32629/>

Many ILD contributions accepted for oral presentation!

Abstracts for posters can still be submitted (until September 30)!

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ILD meeting

Paris, France, **October 8, 2024**

<https://agenda.linearcollider.org/event/10442/>

We will have half-day ILD meeting day before the ECFA workshop (Tuesday afternoon).

Details still being discussed, should be available soon.

Please consider it in your travel plans!

ECFA study report timeline

- June 2024: draft list of topics expected to be included in the final report
focus topics, but there is also space for additional topics
- October 2024: deadline for report results
new results should be presented at the Paris workshop
- mid December 2024: finalized text of the report
released for the comments from the community
- March 31, 2025: submission as input to the European Strategy Update
- June 23-27, 2025: EPPSU Open Symposium
- September 30: Briefing Book publication
- November 14, 2025: final deadline for (national?) inputs (after Briefing Book)
updated results could also be presented at Open Symposium in June

ECFA report concept based on my private notes from ECFA WG1 conveners meeting

- Self-contained and reasonably comprehensive
not extensively repeating old studies, concise enough that people actually want to read it
- Starting point are the focus topics, but supplemented by other relevant topics available
extent of 'other topics' very area/WG1-group specific...
- Focus on the recent progress but give an overall context and overview
full coverage for results obtained after Snowmass reports
- Encourage individual studies (or topics) having dedicated notes/papers with more details
report is likely to be quite large anyway, only few pages per topic
- tools like flavour tagging should be presented in a broader context



ECFA workshop in Paris

Many ILD contributions accepted for oral presentation!

As for each conference, slides should be made available to ILD for comments at least few days before the presentation.

All new results need to be presented at the ILD Software and Analysis meeting before.

Next meetings scheduled on September 11 and 25.

If there is a need, we could organize an additional meeting (October 2nd?).

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I would not assume all results for the report need to be presented at the Paris workshop !

Relevant results should also be considered, if presented at previous workshops or meetings.

However, please contact group conveners, consider preparing 1-2 summary slides (for focus topic or “other topics” plenary presentation)

ECFA report contributions

Drafting the ECFA report will start immediately after the Paris workshop!

Speakers are encouraged to prepare short write-ups of their studies (1-2 pages, 1-2 plots), which could be used as a source to draft the ECFA report, still **before the Paris workshop**.

These write-ups could also be combined in more detailed supplementary notes on particular topics (this has to be discussed within ECFA working groups!).

Write-ups will also be very helpful for previously presented results.

Write-ups should be reviewed, probably following the conference proceedings procedure...



Software and Analysis meeting schedule

(Usually every two weeks) on Wednesday at 14:00 CERN time

- August 28 (today)
- September 11
- September 25
- **No meeting on October 9 (Paris workshop)**

Please use conveners' email list, if you want to present your results
ild-physics-conveners@desy.de



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Today

- Tanguy Pasquier (IP2I, Univ Lyon 1)
APRIL inclusion in DDMarlinPandora
- Barłomiej Brudnowski (University of Warsaw, DESY)
Searches for new exotic scalars at the ILC with the new scalar decaying into $b\bar{b}$