



Next European Strategy Update: ILC contributions

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Input Template for the EPPSU 2020

The template for input to the process is in preparation.

Expected template layout:

- Cover page with abstract
- Core document of 10 pages (scientific context, objectives, methodology, readiness, expected challenges)
- Addendum (community, timeline, construction and operational cost, computing requirements)

The big detailed documents (reports and publications) will be used as links within the official input document.

Deadline: December 18th 2018



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- **ILC inputs (two documents):**
 - General ILC project description: status, situation and physics case (J. Brau coordinator).
 - Description of European participation and capabilities including accelerator and detector&physics activities, (S. Stapnes and J. Fuster coordinators).
- **Description of European participation and capabilities (accelerator and detector):**
 - ***Drafting team:*** M. Stanitzki, T. Behnke, M. Winter, P. Burrows, S. Stapnes, J. Brau, JF.
 - ***Editorial Team:*** A. Yamamoto, A. Levy, A. Jeremie, A. White, A. Faus-Golfe, Ph. Bamabade, B. List, B. Foster, H. Wise, J. Brau, J. List, M. Idzik, O. Napoly, R. Poeschl, Sh. Michizono, Th. Schoenrner, M. Titov, N. Walker, H. Yamamoto, A. Robson, G. Eigen.



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- **Why a drafting and an editorial team ?**
 - Drafting team is responsible to produce the 10-page documents but
 1. backup/supporting information may/will be needed
 2. furthermore it is important to collect comments and get active feedback from the different/many perspectives of the community.
- **Timeline**
 - A 1st draft before summer (<August). **This document even not in its final form can be very useful for our colleagues to prepare their local/country contributions**
- **Backup/supporting documents**
 - Located on the web, publicly accessible and can be updated beyond December 18th



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Layout of the document (based on 20% contribution from Europe):

- **Introduction (1 + ½ pages)** – Steinar + Jim + Juan
Supporting document: Document 1 on Physics Case and General ILC project
Editing Team: Coordinators
Content: Introduction, description of the European situation in the context of ILC, brief summary of the physics case.
Comments:
Action:
Timescale: < August 2018
- **Accelerator (2 pages)** – Marcel + Phil + Steinar
Supporting document: European Action Plan (EAP)
Editing Team: A. Yamamoto, A. Jeremie, A. Faus-Golfe, Ph. Bamabade, B. List, B. Foster, H. Wise, O. Napoly, Sh. Michizono, Th. Schoenrner, N. Walker
Content: Summary of EAP
Comments: Not yet clear how to express figures and quantities based on possible/future contributions. Delicate how to express and needs further thinking.
Action: Steinar to further discuss and understand better these figures. Continue discussion at ALCW2018
Timescale: A first version of the section at ALCW2018



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Layout of the document (based on 20% contribution from Europe):

- **Detector (2 pages)** – Marcel + Ties

Supporting document: ILD and SiD detector documents in preparation, updates or existing (Detailed Baseline Design).

Editing Team: ILD+SiD, A. Levy, A. White, J. List, M. Idzik, R. Poeschl, M. Titov, H. Yamamoto.

Content: Design and main performance characteristics of the detector concepts.

Comments:

Action:

Timescale: : A first version of the section at ALCW2018

- **R&D (1 page)** – Marc

Supporting document: Document being prepared by M. Titov and collaborators.

Editing Team: A. Levy, A. White, M. Idzik, R. Poeschl, M. Titov, H. Yamamoto, A. Robson.

Content: Summary of main efforts on R&D being performed.

Comments: Marc could not keep the connection so further discussion is needed.

Action: To be discussed ALCW2018

Timescale: < August 2018



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Layout of the document (based on 20% contribution from Europe):

- **Discussion (2 + ½ pages)** – Marc + Ties + Phil
Supporting document: ILC activities in Europe included in EAP. On the detector side an update and complementary information should be added.
Editing Team: All people on the team “drafting + editing”
Content: Political, detector and accelerator situation. Definition of community. Strategy+plans. Discuss the organization of a possible European contribution including and beyond technical aspects. The role of big labs and the EU, etc.
Comments: This is the most difficult part this document. Marc, Ties and Phil should produce a first draft to trigger the comments of the whole team. List of signatories needs to be decided as it may take long to collect all names.
Action: An outline of the section is appreciated for the ALCW18 meeting. Decision on the list of signatories of the document should be made at ALCW2018.
Timescale: < August 2018
- **Summary and conclusion (1 page)** – Steinar + Juan
Supporting document: The rest of the document.
Editing Team: All people on the team “drafting + editing”
Content: Collect main messages and conclusions.
Comments:
Action:
Timescale: < August 2018



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Repository:

- @ DESY for both ILC documents and in LaTeX. **Discussion on svn-server or overleaf-system**

Remaining issues:

- Signatories of the document. To be discussed and decided.

Next meeting:

- 2nd half of June