

WP5: Joint technology development around SCT and future lepton colliders

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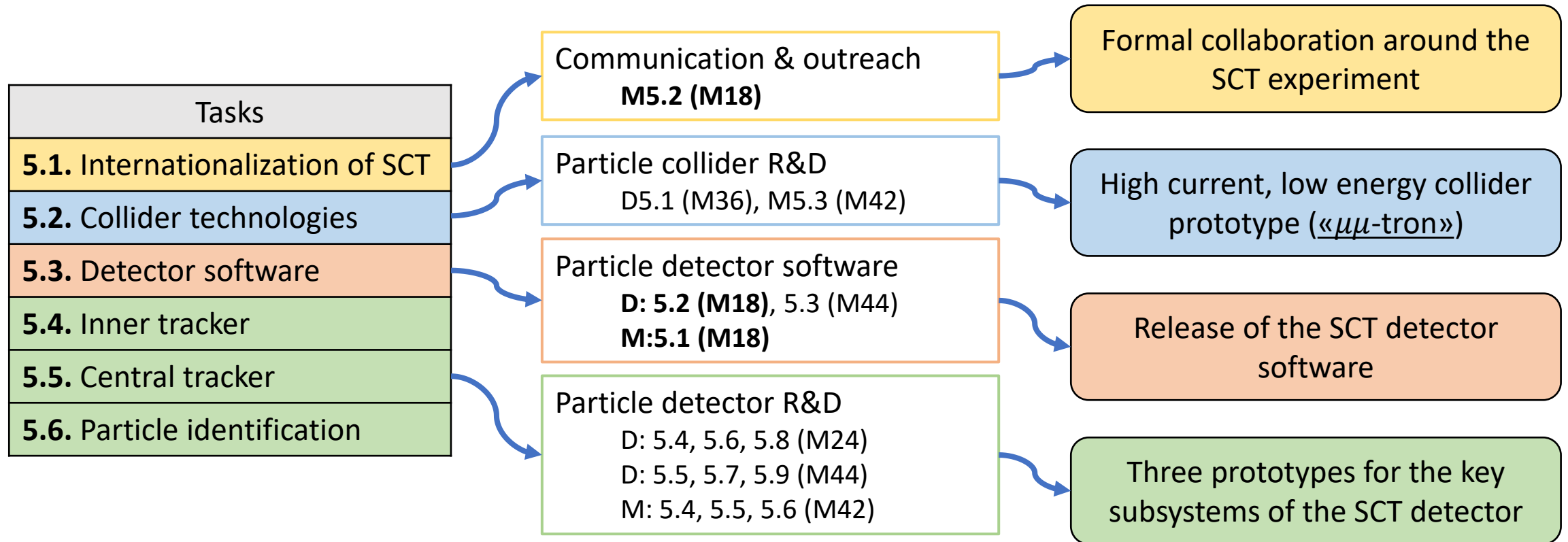
3rd general WP5 meeting

February 17, 2021



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. 871072

WP5 overview



- WP5 deliverables are reports on the achievement of goals
- WP5 milestones correspond to the goals

WP5 challenges

- COVID-19 impact
 - Hardware works are already delayed by about 6 months
 - A lack of face-to-face communication, even related to the software tasks
 - We still can meet our goals on detector prototypes with a tighter schedule
- Establishing formal collaboration around the SCT experiment
 - It requires communication and decisions at the management level
- Collider technologies
 - The $\mu\mu$ -tron prototype requires far more resources than we have within CREMLINplus
 - Both BINP and IJCLab groups are very active but work independently so far. Communication between groups should be strengthen

WP5 main actions (M12-M24)

1. Presenting the SCT detector software release 1.0 (Milestone 5.2, M18)
2. Launching the formal collaboration around the SCT experiment (Milestone 5.1, M18)
 - CREMLINplus WP5 consortium to be the core of the collaboration
3. Construction and testing of prototypes for the SCT inner tracker
 - TPC (BINP)
 - $c\mu$ RWELL (INFN)
4. Technical design for the drift chamber prototype should be prepared before M24
5. PID (FARICH and FDIRC)
 - Testing the aerogel produced in 2020 and further refinement of the production technology
 - Manufacturing and testing 1st version of the compact front-end electronics

Upcoming annual CREMLINplus meeting

24.03.-26.03.2021

Online via Zoom

[Indico page](#)

**Annual Meeting 2021**
Connecting Russian and European Measures
for Large-scale Research Infrastructures

24-25 March 2021
Zoom (online)
Europe/Berlin timezone

[Overview](#)
[DRAFT Agenda](#)
[Registration](#)

The CREMLINplus Annual Meeting 2021 is held via videoconference (due to COVID-19). The Annual Meeting brings together the CREMLINplus community for an exchange across work packages, for updates from the work programme, and for discussing the project's relevant current issues.

**Starts** 24 Mar 2021, 09:00
Ends 25 Mar 2021, 16:00
Europe/Berlin

 Zoom (online)

  DRAFT_agenda_v2.pdf

**Registration**
Registration for this event is currently open.

 0 [Register now >](#)

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Tom Minniberger on 4th EB meeting I

Interim Report

Why?

- Overview of the financial status of the whole project
- Information about used person month (PM)
- Impact of Covid-19 to the finances
- Training for the first periodic reporting to the EC

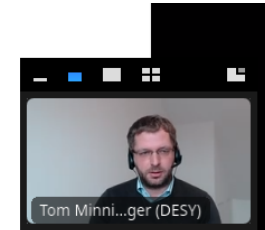
Who?

- Each beneficiary (35) have to report their financial status
- We will contact the finance contact persons of each beneficiary (Cc the key contact persons/EB members)

When?

- After 12 month (M13); after 30 month (M31); after 42 month (M43)
- *Official periodic reports submit to EC: every 18 month (M18, M36, M48)*

Internal report only!
No transfer to EC



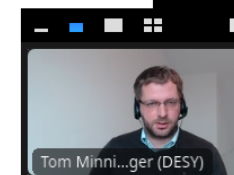
Tom Minniberger on 4th EB meeting II

Interim Report



How?

- Excel based template containing costs and short explanations on
 - Personnel costs (person month or hours)
 - Travel Costs (Kick-Off Meeting, trip to Meeting XY)
 - Other costs (workshop costs, meetings costs, ...)
 - Subcontracting (company XY for Webdesign, ...)



						CREMLINplus, GA No. 871072, Interim Report #1							
						Period: February 2020 - January 2021 (M1-M12)							
Partner:		DESY											
Personnel	Position	WP	Worked PM	Tot. personnel cost	Travel cost	Event attended (incl. date/ destination)	Other Goods and Services Costs	Short Explanation of Other Goods and Services Costs	Sub-contracting Costs	Short Explanation of subcontracting costs	Overhead	Total costs	
P1, P2, P3	Administration	WP1	6,4	41.596,32	1.285,64	02/20 Kick-off Meeting Hamburg; 04/20 Meeting XY in YXZ; ...	1.672,19	02/20 Catering Kick-off Meeting Hamburg; ...	0,00		11.138,54	55.692,69	
P4	Scientist	WP4	3,5	24.587,12	0,00		0,00		0,00		6.146,78	30.733,90	
P5	Scientist	WP8	11,0	71.672,56	0,00		0,00		0,00		17.918,14	89.590,70	
				0,00	0,00		0,00		0,00		0,00	0,00	
				0,00	0,00		0,00		0,00		0,00	0,00	
TOTAL			20,9	137.856,00	1.285,64		1.672,19		0,00		35.203,46	176.017,29	



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Tom Minniberger on 4th EB meeting III

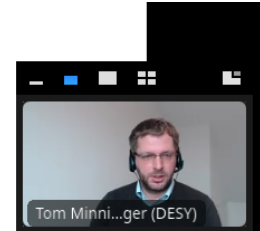
Interim Report

Timeline?

- Template ready to send out in KW 7 (15-19 February)
- 2 weeks time for all beneficiaries to fill in their figures
- DESY (tom.minniberger@desy) can be contacted if questions raise up
- Summary of the financial status on CREMLINplus within the next EB meeting (EB#5) and Annual Meeting

Follow up?

- Financial Training will be provided to all beneficiaries in April/Mai 2021
 - Preparation and training for the first periodic report to the EC



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