

AMVA4NewPhysics

XV Supervisory Board Meeting

19/02/2019

Contents and Agenda

- News and recent activities
- Delegations
- Final deliverables and milestones
- Votes on final expenses:
 - premium account on blog for 5 more years
 - last workshop → will postpone
- Endgame plans: final workshop, where and when
- High school events with ESRs
- Other proposed activities of common interest?
- AOB

News

- Today - 15th SB meeting of the network, we are at month 42; 6 months to go
- Deliverables submitted:
 - D2.4 internal Atlas note on global searches – OK
 - D3.4 internal atlas note on MEM performance for Higgs – OK
- Last few secondments taking place
 - am aware of Giles→Yandex, Anna→EPFL and Alex→UCL; others?)
 - others ? Cecilia, Giovanni, Fabricio
- Pablo finished his employment; so did Alessia, and Anna, who are anyway continuing their PhD at UCL and NKUA respectively; others are finishing soon (Giles is next IIRC, he will also take some more months to the PhD)
 - Pablo will discuss his thesis on March 28 in Padova
 - judged excellent by two external reviewers
- New submission of ITN proposal – Costas or others may report ?

Recent activities

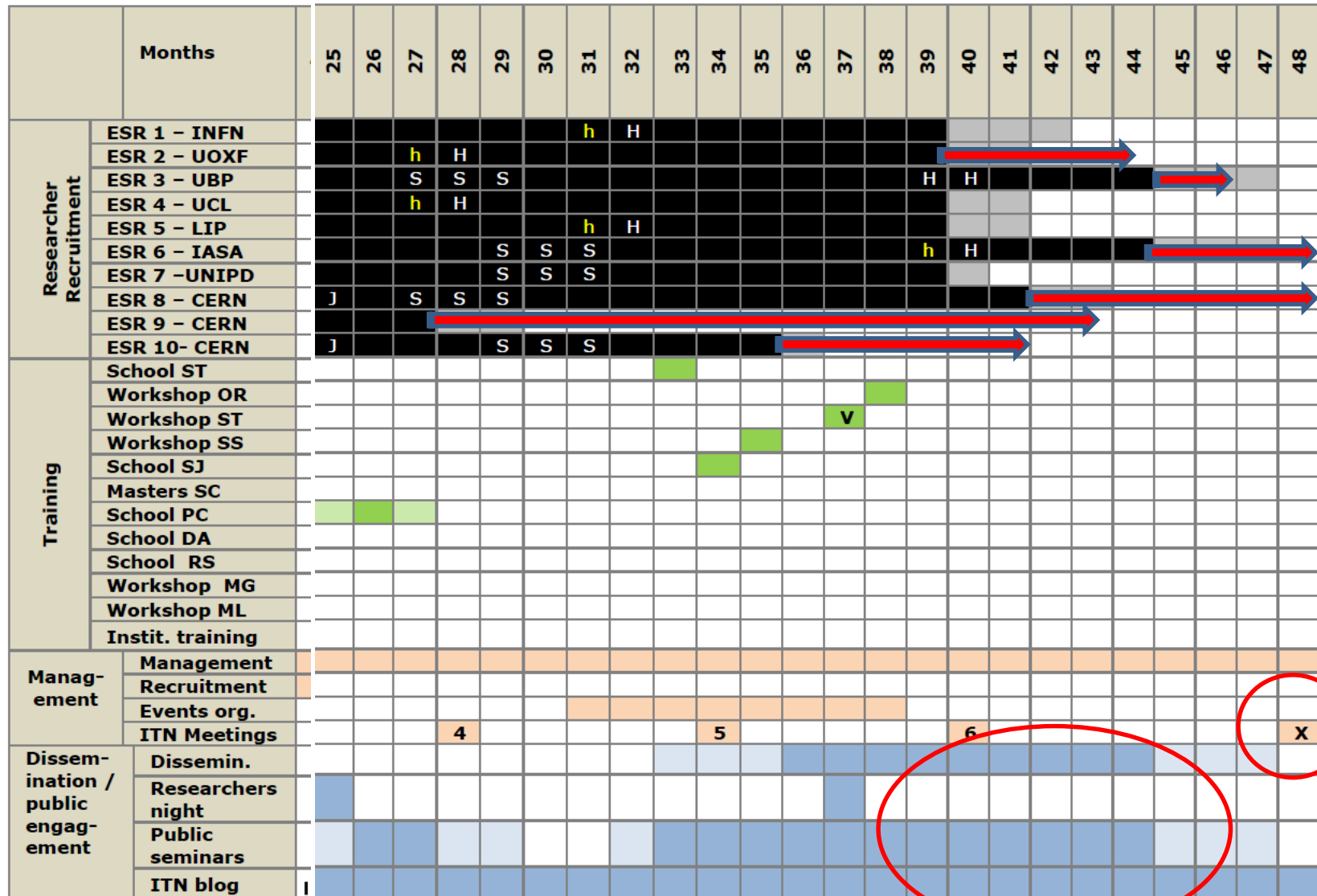
- Empty page, as I would like to ask around the table for things we need to keep a record of, e.g.
 - seminars or other relevant activities at your node
 - ESR involvement in high school events / masterclasses ?
 - talks at meetings or conferences by ESRs ?
- The floor is yours, I will take notes.

Delegations for this Meeting

- Delegations:
 - M. Sanarico delegates P. Vischia
 - M. Herquet delegates F. Maltoni, who in turn delegates Christoph or Andrea ?
- In total, we have
 - Present and voting:
 - For a total of **XX votes**
 - **Quorum is 9 votes for majority**
 - **we are ok**

Timeline

YOU
ARE
HERE



Common Budget Status

- With the organization of the CERN Outreach workshop and the Padova Statistics workshop, plus this one at LIP, we are done with events, except a final one TBD
- We have at least 22k remaining
- We might want to use 5-10k to organize some nice final event with participation of the public, toward April-June 2019
 - to be discussed later

| | Cost | Balance |
|-----------------------|------------------------|-----------------|
| INFN M&O end 2017 | 13415,02 | 13415,02 |
| 10% RTN 2. tranche | 48780,00 | 62195,02 |
| SOS school 2018 | -2000,00 | 60195,02 |
| YNDX sponsorsh 2018 | -2000,00 | 58195,02 |
| IASA ws | -6000,00 (max) | 52195,02 |
| Stat ws | -10000,00 (max) | 42195,02 |
| blog 2018-19 | -200,00 | 41995,02 |
| UOXF SS ws | -4000,00 (max) | 37995,02 |
| CERN ws | -5000,00 | 32995,02 |
| Festivaletteratura MN | -1500,00 | 31495,02 |
| LIP Workshop | -6000,00 | 25495,02 |
| Art & Science 2018-20 | -3000,00 | 22495,02 |
| Blog until 2024 | -500,00 (TBD) | |
| Final event? | | |

Votes

- Do you agree to maintain online the blog for 5 more years (premium account), for a cost of eur 500?
- If you are organizing some outreach activity and want to make the case for common funding, via sponsorship or others, this is the time to argue about it...

Future Scientific Deliverables

| Number and time | Title | Type | responsible | |
|--------------------------------|--|---------------------|----------------------|----|
| D1.4, month 38 (Oct 2018) | Final report on regression and classification studies for Higgs measurements | Public report | INFN | OK |
| D2.2, month 36 (August 2018) | Internal CMS note on algorithms for signature-specific searches in CMS data | Confidential report | IASA | OK |
| D2.3, month 36 (August 2018) | Publication on report of the implementation of the AToM MVA package | Public report | CERN -TUM | OK |
| D2.4, month 40 (December 2018) | Internal ATLAS note on global search for new physics in Run2 data | Confidential report | UCA | OK |
| D2.5, month 44 (April 2019) | Final report on performance of algorithms for LHC searches of new physics | Public report | IASA | |
| D3.3, month 36 (August 2018) | Publication on MEM and its implementations | Public report | UCL | OK |
| D3.4, month 40 (December 2018) | Internal ATLAS note on performance of MEM tools in Higgs coupling determinations | Confidential report | CERN | OK |
| D4.4, month 42 (February 2019) | Report on the inverse bagging algorithm | Public report | UNIPD | |
| D4.5, month 42 (February 2019) | Software implementation of the inverse bagging algorithm | Public code | UNIPD | |

Future Management Deliverables

| Number and time | Title | Type | responsible |
|-----------------------------------|---|----------------|-------------|
| D5.2 month 34 (June 2018) | Network seminars to share the expertise gained in secondment at partner companies | Other, public | INFN |
| D6.2 month 37 (September 2018) | Assessment of impact of outreach activities in outreach workshop talks | Other, public | INFN |
| D6.3 month 47 (July 2019) | Public seminars in high schools and public events by ESRs | Other, public | INFN |
| D7.6 month 48 (August 2019) | Organization of network events II | Report, public | INFN |

OK

OK

Partly fulfilled,
need to update
with info on
new events

Milestones

| | | | | | | |
|----|---|-------|-------------|-------------------------------------|-------------|---|
| 6 | Technical description of algorithms for semi-automati | UCA | 31 Aug 2018 | <input checked="" type="checkbox"/> | 31 Oct 2018 |  |
| 7 | Technical description of models developed in work | UNIPD | 31 Aug 2018 | <input type="checkbox"/> | |  |
| 8 | Completion of statistics training | UNIPD | 31 Aug 2018 | <input checked="" type="checkbox"/> | 01 Feb 2019 |  |
| 9 | Software for re-analysis of searches and measurem | TUM | 31 Aug 2018 | <input checked="" type="checkbox"/> | 29 Aug 2018 |  |
| 10 | Assessment of blog success for outreach purposes | INFN | 30 Sep 2018 | <input checked="" type="checkbox"/> | 20 Sep 2018 |  |
| 11 | Completion of secondments | INFN | 31 Oct 2018 | <input type="checkbox"/> | |  |
| 12 | Scientific publication on the application of the MEV | CERN | 31 Dec 2018 | <input type="checkbox"/> | |  |
| 13 | Scientific publication of resonance search in CMS d | IASA | 31 Dec 2018 | <input type="checkbox"/> | |  |
| 14 | Scientific publication on global new physics search w | UCA | 30 Apr 2019 | <input type="checkbox"/> | |  |
| 15 | Scientific publication of ATLAS results on H->bb | UOXF | 30 Jun 2019 | <input type="checkbox"/> | |  |
| 16 | Scientific publication of H->tautau in CMS | LIP | 30 Jun 2019 | <input type="checkbox"/> | |  |
| 17 | Planned recruitments completed | INFN | 31 Aug 2016 | <input checked="" type="checkbox"/> | 01 Mar 2017 |  |

Status of Secondments

- ESR1 Pablo:
 - All done
- ESR2 Cecilia:
 - YNDX secondment planned Mar-May 2019
- ESR4 Fabricio:
 - CERN secondment, date TBD
- ESR4 Alessia:
 - All done
- ESR5 Giles
 - All done
- ESR6 Ioanna:
 - industrial secondment, date TBD
- ESR7 Greg:
 - All done
- ESR8 Giovanni:
 - CERN and MW secondments to be organized
- ESR9 Anna:
 - All done
- ESR10 Alex:
 - All done

Public Seminars

- We made a point of promising ESR activity in high schools and similar events
 - We had a series of these in Venice in the winter of 2017, thanks to Art & Science
- We have also a specific line in our Gantt chart highlighting the period Mo. 33-44 (May 2018-Apr 2019)
- We have a deliverable **D6.3 "public seminars in high schools and public events by ESRs"**
- How to foster these?
 - We do not have a dearth of funds to organize events!
 - We have bright students
 - Language might be an issue in some nodes: LIP, UCA, TUM, UNIPD
- I encourage PIs to do their best to create at least one occasion per student
 - please suggest ideas to discuss together

Organization of future events

- We have the means to end with a bang... And we should try to do it
- The floor is open to discuss what, where, when, and how...
- Ideas on where: Padova/(Venice)? Other places ?
 - had an idea to associate it to a "Galileo Festival" organized by comune of Padova on May 10-12, but got cold-footed about it
- Proposals?
- What: certainly a major public event, and a workshop showcasing results (where we can also invite ex-ESRs), what else?