



Minutes of STRONG-2020 Annual meeting (13-16 October 2020)

Plenary session (October 14-15, 2020) via ZOOM

Participants: The plenary session was open to all members of the Consortium as well as external participants interested in the project (link in open access).

Duration: On October 14, the meeting started at 09:00 and ended at 17:00.

On October 15, the meeting started at 09:00 and ended at 17:30.

Location: The Annual meeting was held in remote mode, via ZOOM platform:

<https://us02web.zoom.us/j/87200782414?pwd=MjFkSWJjWk9vR242QVdVMmdxc2J2dz09>

The overall agenda for the Annual meeting, as well as the names of presenters and their respective contributions, are available on the dedicated indico page:

<https://indico.in2p3.fr/event/20784/timetable/>

1. INTRODUCTION

Barbara Erasmus (Project Coordinator) opened the meeting with general **Introduction** where she explained the outline of the Plenary session as well as the other meetings of different organizational bodies of the Consortium during the Annual Meeting.

2. PRESENTATION OF RESULTS

Each WP presented the results of the work carried out during the first period. For each presentation, the speakers were allocated 15 minutes to expose the achievements of their WP followed by exchange with the other participants.

The **plan for WPs' presentations** was as follows:

1. Work performed from the beginning of the project to the end of the period covered by the report (18 months) and main results achieved
2. List of the Deliverables and Milestones achieved
3. Progress beyond the state of the art, expected results until the end of the project and potential impact

4. Deviations from planned Action.

The WP presentations were split out in several thematic blocs according to the research field/tasks they deal with. For each thematic bloc, a chairperson was assigned amongst the Executive Board (EB) members.

During the first day of the Plenary session (October 14), the following presentations took place:

MAN (Project Management and Coordination)

DISCO (Dissemination and Communication)

Research Infrastructures: Transnational Access

- TA1-Transnational Access to COSY
- TA2-Transnational Access to MAMI
- TA3-Transnational Access to LNF
- TA4-Transnational Access to FTD/ELSA
- TA5-Transnational Access to GSI/FAIR
- TA6-Transnational Access to ECT*
- TA7-Transnational Access to CERN

Research Infrastructures: Virtual Access

- VA1-Automated perturbative NLO calculations for heavy ions and quarkonia
- VA2-Virtual Access to 3DPartons

Hadron Physics

- JRA7-Light-and heavy-quark hadron spectroscopy
- NA1-QCD physics at GSI/FAIR
- NA5-Strange Hadrons and the Equation-of-State of Compact Stars
- NA6-LatticeHadrons

During the second day (October 15), WP presentations concerned:

Precision Physics

- NA4- Proton Radius European Network
- JRA3-Precision Tests of the Standard Model

Heavy Ions

- JRA2- Fixed Target Experiments at the LHC
- JRA1-Inter-experiment combination of heavy-ion measurements at the LHC
- NA3- Quark-Gluon-Plasma characterisation with jets
- NA7-Quark-Gluon Plasma characterisation with heavy flavour probes

GPD/TMD/PDFs

- JRA4-3D structure of the nucleon in momentum space
- JRA5-Generalized Parton Distributions
- JRA6-Challenges for next generation DIS facilities

- NA2-Small-x Physics at the LHC and future DIS experiments

Instrumentation activities

- JRA8-Advanced ultra-fast solid State detectors for high precision Radiation spectroscopy
- JRA9-Tracking and Ions Identifications with Minimal Material budget
- JRA10-Cryogenic Polarized Target Applications
- JRA11-Cryogenically cooled particle streams from nano- to micrometer- size for internal targets at accelerators
- JRA12-Spin for FAIR
- JRA13-Polarized Electrons, Positrons and Polarimetry
- JRA14-Micropattern Gaseous Detectors for Hadron Physics

3. DISCUSSIONS AND QUESTIONS

Each thematic bloc was followed by a more detailed discussion with participants.

In addition to the achieved scientific results, many WP stressed the problem of delays in the accomplishment of tasks caused in particular by the restrictions imposed by the Covid-19 crisis. Given this uncertain context, the members of the Consortium welcomed the possibility of extending the project (for 6 months at least). It was agreed that the issue would be first discussed with the Project Officer and the Consortium would be informed about the extension and its duration as soon as the decision was taken.

4. CONCLUSIONS

The attendance rate was quite high (between 40 and 48 participants the first day of the Plenary session, and between 36 and 44 the second day). The overall scientific progress was satisfactory and most of the planned deliverables and milestones were achieved.

Consortium members were also informed that the reports would be further examined by the referees (two referees per report) assigned from the members of the EB. The latter will send their remarks and recommendations to WP leaders who should take them into consideration in their reports. The reports then must be completed and sent back to the Management team. These WP reports will be used as part B (narrative part) of the Technical Periodic Report (to be submitted on the Participant Portal between December 1, 2020 and January 31, 2021).