

CREMLINplus Annual Meeting

Day 2

13.50 -14.20 CET Exchange technical/non-technical WPs interaction

Moderator Ute Krell (DESY)

Panel Members: WP leader, co-leader



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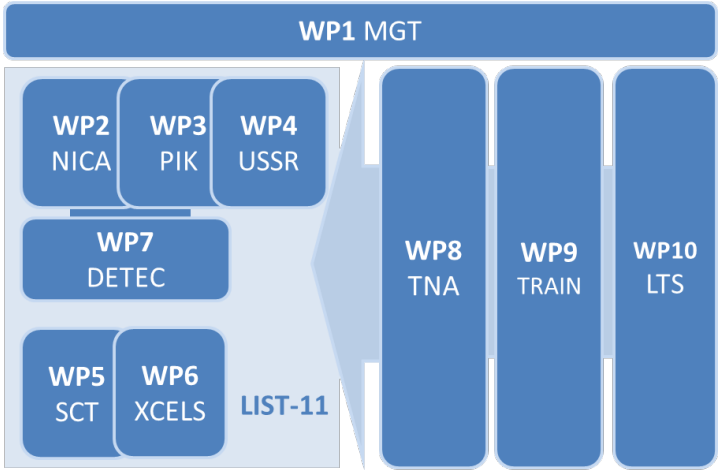
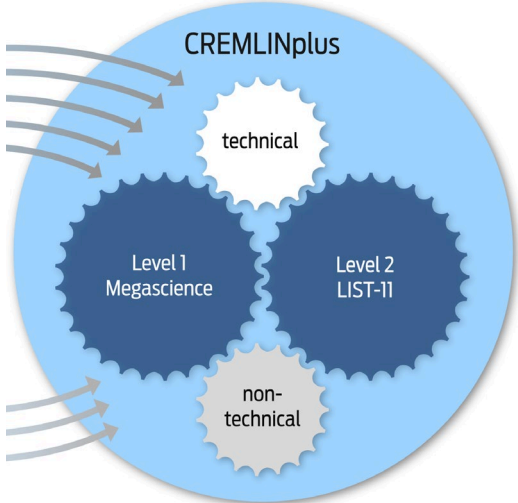
Panel

- WP1/10-LTS: Martin Sandhop
- WP2-NICA: Jürgen Eschke
- WP3-PIK: Sergey Grigoriev
- WP4-USSR: Timur Kulevoy
- WP5-SCT: Vitaly Vorobyev
- WP6-XCELS: Efim Khazanov
- WP7-DETEC: Christian Schmidt
- WP8-TNA: Anastasia Zadorina/Greta Facile
- WP9-Training: Enrico Guarini/Andrey Polyakov



Purpose of this Session:

■ Develop a lively interaction between WPs of Megascience Projects and WPs of TNA, Train and LTS



Overview on non-technical WP tasks *suggestions*

TASK 8.1 Analysis and assessment of access potential of LIST-11 RIs (M1- M18) *LIST-11 include 4 organisations with Megascience Projects*

TASK 8.2 Knowledge transfer from EU to Russia on access policy and governance for RI (M1- M18) *WS2022 open to Megascience Projects*

TASK 8.3 Develop transnational access (TNA) models for Russian RIs (M12-M48)

TASK 8.4 Case studies: Transnational access to Russian RIs (M24- M48)

TASK 8.5 Helpdesk and promotion of TNA to Russian RIs (M1-M48)

TASK 8.6 Access to scientific data at Russian RIs (M12-M48) *Megascience Projects included*

Task 9.1 Fellowship Programme (M1-M48)

Task 9.2 Organisation and delivery of staff/knowledge exchanges (M1-M48)

Task 9.3 Russian fellowship programme to EMMRI (Executive MBA for Management of Research Infrastructures) (M1-M48)

Task 9.4 Pilot mentoring/coaching programme for leaders of Russian RIs M4-M20

Task 9.5 Development of a Russian RI Management Training Academy M1-M48

} Open to
Megascience
Projects &
LIST-11

Task 10.1 Promote synergy M1-M48

Task 10.2 Link Russian megascience projects to EU strategic initiatives M1-M48

Task 10.3 Workshop on innovation and technology transfer M24-M36

Task 10.4 RIs in science diplomacy M12-M24

Task 10.5 Workshop on socio-economic impact of RIs M24-M36

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Megascience
Projects &
LIST-11

Day 1: ideas for the non-technical WPs

- lessons learned from COVID-19 & what impact on TNA
- How to manage user interfaces, incl. industry, and need for user associations
- How to push young researchers to leaders at RIs?
- Improve RI management means also to qualify more the scientific/technical staff (not in management issues only)
- Training in technology transfer to industry



Exchange technical/non-technical WPs interaction

- We prepared for each non-technical WP two questions for the technical WPs
- I tried to summarize the feedback and will invite some panelists to provide more details
- If time is left over, I would like to ask each panelist for a short statement on how we can improve the interaction



Transnational Access to RIs (WP8) I

To which extent is the preparation of a standardized (Russian) access scheme or access policy for RI of relevance/ interest for the Russian megascience project in your WP, and your collaboration in your WP? This includes also the setup of a user service system for the respective project.

- Under Task 3.8 (ICNR-PIK) the user system (SAC,...) for PIK is set-up.
- How far is it possible to copy the user system of European Neutron sources? What do you mean by and where do you need a standardization on the Russian side different from European user system? Does standardized scheme means principle of access, as defined in the European Charter of access? (**Sergey, WP3**)
- Is there a possibility/need for standard access for European researchers to the Megascience projects? (**Sergey, Efim WP6**)
- Access to the JINR/NICA institute site is quite uncomfortable, because of exaggerated safety procedures performed by military. However it is possible for scientists from other countries to participate at meetings, workshops or experiment beam times. Do you see any possibilities for improvement of those safety procedures ? (**Jürgen, WP2**)
- Paid access to a megascience facility for commercial users.



Transnational Access to RIs (WP8) II

In view of the Kick-off on task 8.6 “access to scientific data at Russian RIs”: Could you suggest any topics of interest?

- At NICA the access to the scientific data and results is assured by a large international collaborations were formed recently for the NICA experiments BM@N and MPD.
- PIK has included this aspect in the CDR of the user system and can be presented to Cplus end 2021.
- Do you see an opportunity to launch a similar initiative to the EU Open Science Data (EOSC) in Russia? (**Christian WP7, Vitaly WP5**)



Staff exchange and Training RI Management (WP9) I

Which training activities foreseen in your WP could benefit from the training offers included in WP9?

Which elements of the training portfolio within WP9 are of interest/ relevance for managers, operators and scientists related to the megascience project in your WP?

- Courses offered within WP9 in Milan are of special interest for:
JINR administrative staff (WP2), 1-st and 2-nd levels managers WP3, young scientists USSR (WP4)
- Coaching and Mentoring Task 9.4 (WP3)
- Training for operators and for low level managers (group heads and small lab heads). Do you see a need for a special training focus for those? (**Efim, WP6**)
- Planned scientific schools like to get support by WP9:
Detector technologies (WP5 & WP7)
Simulation of neutron scattering instruments and Polarized Neutron Physics in 2021 (WP3)
Neutron diffraction in 2021 (WP3)



Staff exchange and Training RI Management (WP9) II

Are there any training needs not considered so far? Any suggestions for dissemination of the training opportunities?

- Helpful to receive funding for young scientist for participation in WP2 organized events (workshops and schools)
- Good experiences with courses organized by CERN together with an industry partner (**Vitaly, WP5**)



Joint long-term sustainability of RIs (WP10) I

Topic: Approach RUS megascience projects closer to EU strategic initiatives.

With regard to WP3 PIK and WP4 USSR: Do you have any suggestions to improve WP10's proposed strategy to address both tasks "USSR to LEAPS" and "PIK/ ICNR to LENS and ESFRI"?

Is there sufficient exchange and agreement with WP10 how to push constantly forward both tasks in the right direction?

- NICA is fine
- PIK is fine, but suffers from delaying a f2f meeting which would be focused on issues of creating a scientific and organizational structure of the International Center for Neutron Research on the basis of the PIK reactor.
- USSR aiming towards a stable contact with LEAPS as soon as the USSR project passes the initial organization steps. European users may become partners for the construction/operation of beamlines. When do you expect will this be a subject within Cplus? (**Timur, WP4**)



Joint long-term sustainability of RIs (WP10) II

Which suggested topics of synergy across the RI communities will be of particular interest for your WP (megascience project in your WP) and should be taken up in a dedicated WP10 workshop for all-project community?

Examples: RI management & governance issues; legal issues of RI operation; intercultural communication challenges; complementarity of instrumentation

- All examples are interesting
- Intercultural communication challenges and complementarity of instrumentation are the most important.
- Additional suggestion (by Marine):
Social-economic impact assessment and monitoring as an important element of long-term sustainability of RI



How can we improve the interaction of technical & non-technical WPs?

