



Document information

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Training module programme for junior management staff

CREMLIN Deliverable D8.2

WP8: Communication and dissemination; innovation; education & training

Task 8.6: Training and Education of people in the area of megascience management and administration.

Lead partners: NRC KI, DESY

It is commonly acknowledged that the success of research and science requires adequate skills in managing, operating and administrating large-scale research infrastructures and related research programmes and funds. The Russian megascience facilities require sufficient human capital with specialized skill sets. Thus, this Task 8.6 is focused on the organization of a special pilot training and education course, targeted to young prospective researchers around the megascience facilities to enter into management, administration and operation at RIs with the aim to strengthen existing or future management staff.

Within the this task a two-day Workshop was organized during the period 7-8 June 2018 at the premises of DESY, Hamburg. It should be noted the Workshop was organized back to back to the Closing Conference of the CREMLIN project which took place on 5-6 June 2018. It allowed the participants of the training workshop to get familiar with the three-year activities of the CREMLIN project.

The Training Workshop gathered 28 participants from Budker Institute of Nuclear Physics (BINP, Novosibirsk) [2], National Research Center "Kurchatov Institute" (NRC KI, Moscow) [5], National Research Center "Kurchatov Institute" - Petersburg Nuclear Physics Institute (PNPI NRC KI, Saint Petersburg) [3], Institute of Applied Physics of Russian Academy of Sciences (IAP RAS, Nizhny Novgorod) [1], Joint Institute for Nuclear Research (JINR, Dubna) [2], Forschungszentrum Juelich (FZ Juelich) [1], Deutsches Elektronen-Synchrotron (DESY, Hamburg) [11], VIB-UGent Center for Plant Systems Biology (Gent) [1], FunGlass (Alexander Dubček University of Trenčín) [1] and INFRAFRONTIER GmbH (Oberschleißheim) [1].

The first day of the training workshop started with the welcome by Ute Krell and Martin Sandhop followed by the general presentation of Hermann Franz (DESY Photon Science) on DESY. He gave an overview on DESY current activities, the fields of research and the contribution to the large-scale research infrastructures. After that, he continued with the presentation of the management, governance and financing which included the facility operation, spending profile and the basic information on the organization of research in Germany.

The work of the DESY Photon Science User Office was presented by its head - Daniela Unger. The User Office provides services for PETRA III, DESY Nanolab, Flash and on-site staff. The participants expressed their interest towards DESY Online Office for Research with Photons which executes the

whole procedure of call for proposals and discussed the advantages and disadvantages of the user offices at existing large scale facilities.

Oliver Seeck (PETRA III) gave an overview of the operation of beamlines at Petra III which was illustrated by the indicators of users' activities. His presentation was followed by the Photon Science Tour guided by Nele Müller. During the Tour the participants got acquainted with the main DESY facilities. One of the suggestions was the proposal to have more extended tours within the training courses.

On the second day, Rolf Treusch made a presentation about the operation of beamlines at FLASH. Andreas Stierle presented the management the DESY NanoLab. The main task of the NanoLab is to provide on-site methods for nanoscience complementary to DESY photon techniques at PETRA III, FLASH and European XFEL.

Frank Lehner presented the Stakeholder Management. The main idea of this presentation was that the Science as a whole, requires good management which includes the systematic approach to stakeholders. He also gave some examples of how DESY ensures its communication with various stakeholders and increases the level of engagement.

The last issue which was touched upon was the presentation of the League of European Accelerator-based Photon Sources (LEAPS) by Ute Krell. The main task of the LEAPS Consortium is the development of a sustainable RI system. The activities of LEAPS is important in view of the necessity to provide a new European training platform for next generation scientists, industry and managers.

At the end of the training workshop, the participants have been given evaluation questionnaires on overall organization issues, their needs and special requests and the topics discussed. They also had an opportunity to add their comments and make suggestions for future training courses. The detailed analysis of the replies to the evaluation questionnaires will contribute to the future training courses for young scientists.

This CREMLIN WP8 training event has been realized together with representatives of RItrain, the "Research Infrastructure Training Programme", which is an EU-funded Horizon 2020 project aiming at "improving and professionalizing the training of managerial and leadership staff in research infrastructures (RIs)" (<http://ritrain.eu/>).

Group photo (credits: Marta Mayer, DESY)



Group photo (credits Marta Mayer, DESY)



The RI Management Training Workshop program



RI Management Training Workshop

7.-8. June 2018

Agenda

draft 29.05.2018

Wednesday, June 6th

19:00 **Get together** on self-pay at Restaurant/Bar Moraba , Waitzstraße 25
20 min walk from Hotel Mercure/15 min from DESY,
close to S-station Othmarschen

Thursday, June 7th *Build. 1B, Room 3*

9:30 **Welcome & Tour de table**
Ute Krell, Martin Sandhop

10:15 – 10:40 **DESY in General**
N.N.

10:40 – 11:30 **Management & Governance structure & Financing Operation of
the Photon Science Research Infrastructure at DESY**
Herman Franz
Discussion

11:30 – 12:00 Coffee break

12:00 – 13:30 **User office & proposal review, open access, communication**
Daniela Unger
Discussion

13:30 – 14:45 Lunch break at Canteen

14:45 – 15:30 **Operation of Beamlines at Petra III: structure & challenges**
"ensure right people in right place at right time"
Oliver Seeck
Discussion

15:30 – 16:00 Coffee break

16:00 – 18:00 **Photon Science Tour**
Nele Müller

19:00 Working Dinner
Restaurant Servus <http://servusaustria.de/>, Osdorfer Landstraße 239



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<u>Friday, June 8th</u>	<i>Build. 1B, Room 3</i>
9:00	Questions ?
09:15 – 09:45	Operation of Beamlines at FLASH: structure & challenges "ensure right people in right place at right time" Rolf Treusch
09:45 – 10:15	Management of Nanotechnology Laboratory as a RI or as additional service at a large RI Andreas Stierle <i>Discussion</i>
10:15 – 10:45	Coffee break
10:45 – 11:15	Stakeholder Management Frank Lehner
11:15 – 11:45	LEAPS Ute Krell <i>Discussion</i>
12:15	Wrap up
12:45 – 13:30	Lunch at the Canteen



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