

## **ACCELERATIng Europe's Leading Research Infrastructures**

### **Work Package 4 - Enlargement and International Cooperation Task 4.3 - CERIC Regional Outpost in Ukraine**

#### **Project Deliverable Information Sheet**

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	Written by: Salma Baghdadi		
	Contributors: Vasyl Rizvak		
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## INTRODUCTION

The aim of task 4.3 'CERIC Regional Outpost in Ukraine' is to identify and attract new user communities from the region to the open access opportunities available for them in large scale Research Infrastructures (RIs), and thus contribute to the strengthening of the ERA role in the region.

This aim is being reached through the close collaboration with the Uzhhorod National University (UZHNU), an alliance whose outcome were defined in the number of research proposals submitted from Ukraine since the beginning of the ACCELERATE project, and through the number of participants participating in the outreach events organized in the frame of Task 4.2.

The UZHNU has become a key partner of CERIC in the region, facilitating the outreach to a research community that is of high priority for CERIC and the ACCELERATE goals. Moreover, the alliance is supporting in reducing the research and innovation barriers that would prevent researchers from the region to create a stronger user community which access and uses large-scale facilities.

The establishing of the outpost in UZHNU for the outreach was supported by two main pillars:

- By supporting the training of UZHNU research staff involved in the ACCELERATE task of outreach,
- By organizing outreach events targeting the community of researchers in Ukraine and the neighboring countries, to introduce them to large-scale facilities.

This report will thoroughly highlight the two above-mentioned aspects which contributed in building the CERIC outpost in Ukraine, through the UZHNU.

### **1. SUPPORTING THE TRAINING OF UZHNU RESEARCH STAFF INVOLVED IN THE ACCELERATE TASK OF OUTREACH**

The ACCELERATE representatives from the UZHNU attended a set of trainings in the frame of WP1 (Sustainability and Responding to Challenges) and WP3 (Industrial Liaison, Outreach and Technology Transfer Management), focused on RI human resources development, industrial networking and more.

The aim of this activity is to support the professional development of UZHNU staff by providing them with managerial trainings that would be complementary to their scientific and research backgrounds.

Throughout the project, the events attended by the ACCELERATE representatives from the UZHNU are the following:

- "Nanotechnology: from Materials to Science" (WP3 Research to Business event organized on 14-15 February in Prague, Czech Republic).
- SYNERGI 2018 (WP3 event organized on 8 March 2018 in Amsterdam, The Netherlands).

- In-kind Contributions in the Life of an ERIC (WP1 event organized on 05 December 2019 in Munich, Germany).
- ACCELERATE Partners Project's meetings (WP 7 events organized 07 March 2018 in The Hague, The Netherlands, on December 2018 in Garching, Germany, and on 12-13 June 2019 in Szeged, Hungary).
- Speech at Webinar organized by the National Academy of Sciences in Ukraine and the Horizon2020 National Contact Point for Infrastructures in Ukraine on 19th June 2020 and participation in project ACCELERATE webinars.

The skills acquired by the ACCELERATE representatives at the UZHNU in those events can be described as follow:

- > The study of legal, organizational and financial mechanisms of Research Infrastructures that provide scientists with basic and applied research at a high level.
- > Introduction of new financial instruments and effective use of existing ones, such as the redistribution of funding, and endowment of the material and technical base of the RI.
- > Study of possible ways for the commercialization of research results, and methodological approaches, criteria and indicators used to assess their effectiveness.
- > Financial management of scientific and technical projects, and the evaluation of their effectiveness;
- > Economic circulation of intellectual property rights related to scientific and technical activities,
- > The experience gained through ACCELERATE Webinars and access to scientific information allowed the UZHNU team to win a competition by the Ministry of Education and Science of Ukraine, and receive funding for the project "Functional nanostructures based on biomaterials and chalcogenides".
- > Our joint presentation at the Webinar "Access to European research infrastructures and inclusion in new projects"

## **2. Outreach activities organized by UZHNU towards the local and regional research communities**

Throughout the ACCELERATE project, UZHNU organized 7 outpost events, in parallel with international scientific conferences to reach a wider user community. Through these events, participants get introduced to CERIC, its Partner Facilities and scientific opportunities. Research results and developments in various fields are also presented and discussed. This enables researcher to exchange knowledge and best practices, strengthen their scientific network and explore collaboration opportunities.

The outpost established incorporates the following event:

- Satellite Event at the NESY Winterschool 2017 | 06 March 2017 | Altaussee, Austria
- CERIC session at the 19th Conference of Czech and Slovak Physicists | 06 September 2017 | Faculty of Humanities and Natural Sciences in Prešov, Slovakia
- ACCELERATE Satellite Conference at the VIII Ukrainian Scientific Conference on Semiconductor Physics (USCPS) | 03 October 2018 | Uzhhorod, Ukraine
- ACCELERATE Satellite Conference at the Clusters and Nanostructured Materials (CNM-5) | 22 October 2018 | Uzhhorod, Ukraine
- ACCELERATE satellite Conference at the School-conference of Young Scientists" Modern Material Science: Physics, Chemistry, Technology" | 27 May 2019 | Uzhhorod, Ukraine
- ACCELERATE Satellite Session at the 5th Regional Scientific-Practical Conference 'Information Technologies in the Life of Students and Young Scientists of Transcarpathia' | 07 November 2019 | UZHNU, Ukraine
- ACCELERATE Satellite Session at the International Scientific-Practical Conference "Environmental Safety of the Carpathian Euroregion" | May 13-15, 2020 | UZHNU, Ukraine
- ACCELERATE Satellite Session at the 6th Clusters and Nanostructure Materials (CNM) event | 09 October 2020 | Online

More detailed information about each event is available in Deliverable 4.2 Outpost Event Report, available [here](#) in the ACCELERATE website.

The profile of the audience that attended the sessions vary bachelors and masters, post-graduate students and doctoral students, graduates and postgraduate students, as well as early-stage scientists. For every session organized, WP 6 closely supports the online and offline communication of the event using targeted promotional material, as well as in the preparation of part of the sessions' content.

In addition to the ACCELERATE satellite events mentioned above, the Uzhhorod University continuously supports in promoting and disseminating CERIC and ACCELERATE events that are of interest for the scientific community in Ukraine, such as the call for proposals.

Moreover, with the aim of reinforcing the CERIC regional outpost in Ukraine, two CERIC researchers from the Charles University in Czech Republic visited the Uzhhorod University in February 2019 and held a series of strategic meetings that regard the CERIC-UZHNU collaboration. The visit included also the participation of the researchers at the 73rd final scientific conference of the teaching staff of UZHNU. The agenda of the visit is available [here](#).