



Digital Support in Chemistry Teaching (DISTINCT)

ERASMUS+ Key Action 2 Partnership for Cooperation 2021
2021-1-PL01-KA220-HED-000027619

“Training for Lecturers”

Learning, Teaching Training Activities (LTTA)

Bologna, 19-22 June 2023



First Learning, Teaching Training Activities (LTTA) Event in Bologna (Italy)

The first LTTA event took place in Bologna, Italy, from 19th to the 22nd June 2023, in the new Science Park Navile of the Alma Mater Studiorum – University of Bologna, in presence.

In this occasion Distinct partners met in person and worked together to illustrate and share advanced solutions applied in remote learning in their own Institution. Participants came from Jagiellonian University (JU), Technische Universität Wien (TUWIEN), Latvijas Universitate (UL), Vilniaus Kolegija (VIKO) and a representative from the European Chemistry Thematic Network (ECTN).

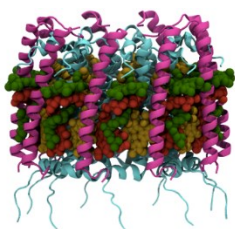


Partners were asked to participate to practical activities demonstrating the potential of various hardware and IT tools for teaching and assessing in remote/hybrid courses. The shared experience allowed partners to widen their knowledge and apply new or improved methods to their teaching activities.

The meeting was opened by Cristina Femoni from University of Bologna (the hosting Partner), then contributions from Erwin Rosenberg (TUWIEN) and Mariafrancesca Fochi (UNIBO) on digital support for

lab courses and video making followed.

The second day a practical demonstration by Ciro Polizzi (UNIBO) showed advanced hardware tools for remote/hybrid remote activities, followed by a visit to the teaching laboratories to examine the actual equipment used in the demonstration, and more.



After the lunch break, the afternoon was dedicated to active demonstrations of various IT tools from UNIBO.

First, Marco Garavelli and his PhD student Francesco Montorsi showed the participants advanced IT tools for modelling courses, with the presentation of a test case.

Second, Cristina Femoni and Mariafrancesca Fochi involved the other Partners to engage in other IT tools exploited for formative assessment which also help to break the lecture flows.

On the third day Lauma Buša, Jāzeps Logins and Anete Stīne Teimane showed the numerous IT tools available for formative and summative assessment.

Vincenzo Russo from ECTN illustrated relevant didactic aspects for laboratory activities, which not only take place on the days of the actual lab experiences but should also consist of pre- and post-lab moments to prepare students and summarize the expected results. These moments are as well crucial to the lab assessment, as rubrics are presented. During this contribution the different roles of tutors, demonstrators, technicians, teachers were pointed out.



After lunch, people from CESIA (UNIBO IT System), more specifically Dr. Antonella Cirigliano and Dr. Fabio Belsito, explained to the other Partners how UNIBO reacted to the pandemic, pointing out that University of Bologna was mentioned by the *Financial Times* as one of the first Institutions in the world to set up a system to move online (for remote lecturing and assessment) over 90% of the courses for more than 80,000 students in just three days!!! The head

of CESIA, Dr. Enrico Lodolo, was also present at the meeting, together with Dr. Rebecca Micheletti and Nadia Perri.

Michał Woźniakiewicz (JU) contribution was on useful software for supporting research-based learning. Later, the Project Coordinator, Marek Frankowicz (JU) illustrated future perspectives for the Distinct Project.



The social event was a dinner at the “Buca Manzoni” trattoria, downtown, to enjoy



some local food like the worldwide famous Bolognese sauce and mortadella.

The third day was devoted to wrap up all the contents, outcomes and compiling the guidelines according to the modules we had all agreed on.

And now... we are looking forward to participating to the LTTA event in Vienna!!!!