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A-CINCH: Augmented Cooperation in Education and Training in Nuclear and Radiochemistry

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The A-CINCH (“Augmented Cooperation in education and training In Nuclear and radioCHEmistry”) project is the latest project in the series of CINCH projects and it is corroborating and extending previous achievements. For such purpose, A-CINCH augments CINCH teaching tools developed in the three previous CINCH projects –CINCH, CINCH II and MEET-CINCH –the CINCH project series (www.cinch-project.eu), which were supported from FP7 and H2020. A-CINCH is a Horizon 2020 project No. 954301 that has started in October 2020 with 17 partners from 13 countries with a duration of 36 months. It primarily addresses the loss of the young generation’s interest for nuclear knowledge by focusing on secondary, high school students and teachers and involving them by the “Learn through Play” concept. In addition, it focuses on coordination activities in both education and training field at all levels of academic and professional career in nuclear and radiochemistry (NRC). To address these target groups and to attract efficiently their attention, advanced educational techniques such as state-of the art 3D virtual reality NRC laboratory, Massive Open Online Courses, RoboLab distance operated robotic experiments, Interactive Screen Experiments, NucWik database of teaching materials, or Flipped Classroom, are being introduced into the NRC education. Nuclear awareness is strengthened by the High School Teaching Package, Summer Schools for high school students, Teach the Teacher package and others. Current A-CINCH progress will be presented in more detail including overview to e-learning tools designed to attract younger students to the field of radiochemistry and chemistry in general.

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