



**Agenda for Summer School on “Virtual e-learning platform for Additive Manufacturing in Industrial Design”, hosted by National University of Science and Technology POLITEHNICA Bucharest, Romania, 8-17 July 2024, Politehnica Central Library, hall 4.2.**

| h             | Monday<br>8.07.2024   | Tuesday<br>9.07.2024   | Wednesday<br>10.07.2024                                    | Thursday<br>11.07.2024  | Friday<br>12.07.2024                            | Saturday<br>13.07.2024   | Sunday<br>14.07.2024   | Monday<br>15.07.2024   | Tuesday<br>16.07.2024                                     | Wednesday<br>17.07.2024  |
|---------------|---|--|--|---|---|--|--|--|---|--|
| 10            | Opening ceremony and project presentation                           | CAD – Lecture (UPB+YFCNU)  | Smart (Intelligent) Materials used in architecture (YFCNU) | Enterprise dynamics (workshop)  | CAE – lecture (YFCNU)                           | Progress report (preparing of the interim report for Monday - working on smaller groups) | Progress report (preparing of the interim report for Monday - working on smaller groups) | General progress of W1 and W2  | Finalizing progress report, preparing final presentation  | Presentations made by students for companies involved in the summer school - evaluation and feedback on behalf of the companies, defining of common ideas of future diploma projects |
| 11            | Participants' presentation and program guidelines for summer school | Industrial Design (UPB)  | Reverse Engineering (PUT)                                  | Presentation of Leykom Bucharest and Admasys Targu Mures companies from Romania | Developing of VR/AR applications (EDIBON)       |  |  | Presentation of NUTechnologies company from Timisoara, Romania           |   |  |
| 12            | Lunch & free time   | Lunch & free time  | Lunch & free time  | Lunch & free time   | Lunch & free time                               | Lunch & free time  | Lunch & free time  | Lunch & free time  | Lunch & free time   | Lunch & free time  |
| 13            | Introduction in Additive Manufacturing (UPB)                        | Workshop 3D / Launching of case studies                          | Sensors and Electronics (UPB)                              | Trip at Bran Castle/ Sinaia Castle  | Precision and control used for industrial parts | Trip at Black Sea  | Trip at Black Sea  | Workshop Additive Manufacturing  | Finalizing work on assembly, preparing final presentation | Closing and awarding ceremony, future perspectives of AMAZE project  |
| 14            | Visiting UPB laboratories   | Smart (Intelligent) Materials used for industrial products (PUT) | Workshop 3D CAD  |   | Workshop 3D CAE                                 |  |  |  |   |  |
| 15            | Visiting CAMPUS laboratories  | Computer Programming (EDIBON)                                    |  |   |   |  |  | Case studies particularities and specific tests for the industrial parts | Free time, sightseeing                                    |  |
| <b>Week 1</b> |   |  |  |   |   |  |  | <b>Week 2</b>  |   |  |