

**Final Programme of the Study Day on “Experimental Ballistics (EBAL2024)”**  
**November 6, 2024**

|                                                                                   |                                                                                                                                                                                 |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Opening ceremony</b>                                                           |                                                                                                                                                                                 |
| <b>08h30 – 09h00</b>                                                              | <b>Opening speech by the Head of the Ecole Militaire Polytechnique</b><br><b>Presentation of the programme by Pr BOUNAB Belkacem</b>                                            |
| <b>Plenary 01</b><br>Chairs: Dr. BENABID Yacine, Dr. OUKARA Amar                  |                                                                                                                                                                                 |
| <b>09h00 – 10h00</b>                                                              | Reliability of measurements and standardization in experimental ballistics.<br><i>Dr. Lamine ELKAROUS</i> <i>Military Academy Fondouk Jedid - Tunisia</i>                       |
| <b>10h00 – 10h30</b>                                                              | <b>Poster Session &amp; Coffee Break</b><br>Chairs: Dr. BOULKADID Moulai Karim, Dr. RABHI Lamine                                                                                |
| <b>Plenary 02 (Online)</b><br>Chairs: Dr. BELKHIRI Samir, Dr. TRIA Djalel Eddine  |                                                                                                                                                                                 |
| <b>10h30- 11h30</b>                                                               | Blast loading of small-scale RC columns using an explosive driven shock tube.<br><i>Pr. David LECOMPTE</i> <i>Royal Military Academy (ERM) – Belgium</i>                        |
| <b>11h30 – 13h00</b>                                                              | <b>Lunch</b>                                                                                                                                                                    |
| <b>Plenary 03 (Online)</b><br>Chairs: Pr. BOUNAB Belkacem, Dr. DJEMAOUNE Younes   |                                                                                                                                                                                 |
| <b>13h00 – 14h00</b>                                                              | Modeling approaches to shaped charge jet penetration depth: numerical and analytical perspectives.<br><i>Pr. Predrag ELEK</i> <i>University of Belgrade – Serbia</i>            |
| <b>Presentation 01</b><br>Chairs: Dr. KHALFALLAH Smail, Dr. EL-YOUSFI Bilal       |                                                                                                                                                                                 |
| <b>14h00 – 14h30</b>                                                              | Dynamic analysis and optimal design of remotely operated turrets.<br><i>Dr. Oussama ANGUEK</i> <i>URD-AL / 5<sup>ème</sup>RM, Khenchela – Algeria</i>                           |
| <b>14h30 – 15h00</b>                                                              | <b>Poster Session &amp; Coffee Break</b><br>Chairs: Dr. ANGUEK Oussama, Dr. BOUKERA ABACI Walid                                                                                 |
| <b>Presentation 02</b><br>Chairs: Pr. HEMMOUCHE Larbi, Dr. TIKARROUCHINE El-Hadi  |                                                                                                                                                                                 |
| <b>15h00 – 15h30</b>                                                              | Optimal design of cellular materials for impact energy absorption.<br><i>Dr. Amar BOUTELDJA</i> <i>Ecole Militaire Polytechnique – Algeria</i>                                  |
| <b>Presentation 03</b><br>Chairs: Pr. BOUNAB Belkacem, Dr. BOULKADID Moulai Karim |                                                                                                                                                                                 |
| <b>15h30 – 16h00</b>                                                              | Impact and Shock on materials and structures: Overview of activities at EMP and current status.<br><i>Dr. Djalel Eddine TRIA</i> <i>Ecole Militaire Polytechnique – Algeria</i> |
| <b>16h00 – 16h30</b>                                                              | <b>Debate and closing ceremony</b>                                                                                                                                              |