Conference topic: **Effective Air Defence in Multi-Domain Operations**

1. New trends in Air Defence operations
   * + general background in the light of current conflicts;
     + suppression of Air Defence means using multi domain approach;
     + forecast for the SEAD operations.
2. New trends in air breathing threats detection and evaluation by
   * + active radars;
     + passive radar means;
     + optical sensors.
3. Requirements for sensors
   * + operate both stationary and on moving vehicle;
     + small RCS detection;
     + operation under jamming conditions;
     + interoperability.
4. Current and future trends in Air threat elimination (barrel + smart munition, rockets, lasers etc.)
   * + limit/number of simultaneously eliminated targets;
     + ability to engage various target types;
     + modes of operation and settings;
     + what data it needs to work (from C2 etc.);
     + energy demands;
     + ability to operate on moving vehicle;
     + space needed for vehicle installation, including weight parameters (roof etc.);
     + crew requirements.
5. Modelling & simulation for Air defence development for to support
   * + AD troop training;
     + crew preparation in the TRADOC;
     + AD officers education;
     + research and development activities within the academic sphere.