

Centre builds on the previous CEPO, unites key academic and industrial players in CR who are engaged in research in electron, photon and quantum technologies. CAEPO activities will enhance research excellence, application relevance of academic partners and knowledge transfer towards industrial partners focused on electron & light microscopy and spectroscopy, advanced lasers and their applications, opto-fiber sensors & probes, micro&nanosurfaced surfaces and optical elements, ultrasensitive detection at the edge of physical principles, ultra-precise production metrology and development of sophisticated elements and systems. This synergistic cooperation shifts the level of added value of CAEPO industrial partners outputs, brings 2/3 of them closer to and keeps 1/3 at level of world leaders