This seminar will be based on lessons learned in 10 years of active software development practice in SAP SE, one of the leading global developers of business software systems. Some technological as well as practical problems and advancements in work towards developing novel products such as the Advanced Business Application Programming (ABAP) Kernel, the XS (Extended Application Systems) that provides an applications server and development platform on the next generation database platform HANA will be briefly reviewed. Another recent and ambitious research and development project will also be considered and open problems and prospective contributions to such research agendas will be discussed. Leading edge software engineering research and development work being undertaken in SAP SE, Teknokent, Kurtköy will be outlined. The intended audience is researchers as well as senior students interested in contemporary software development practice and technologies.

All interested are welcome.