

Ivan Gabrijel (short CV):

Ivan Gabrijel graduated at the Faculty of Civil Engineering at the University of Zagreb in 2004 where he also enrolled into doctoral study in 2006. He got doctoral degree in 2010 defending the thesis titled "Application of elastic waves for the analysis of setting and hardening in cement composites". Since November 2011 he is employed as an assistant professor at the Faculty of Civil Engineering in Zagreb. As a professor he is involved in the six courses of the undergraduate and graduate study. At the undergraduate study he works in the courses Materials Science and Construction materials and at the graduate study in the courses Quality management, Concrete in hydro-technical construction, Non-destructive testing and Numerical modelling in materials engineering. Since 2014 he is head of Laboratory for materials at the Faculty of Civil Engineering in Zagreb.

Within the scope of scientific activities, he is involved in studying cement hydration and modelling of concrete properties during hydration, modelling of transport properties in concrete, application of ultrasonic and acoustic-ultrasonic testing methods for monitoring of setting and hardening in cement composites. His professional activities include condition assessment of concrete structures and quality control of concrete in production and during construction.