

**Dr. Kristian Sogel (Slovakia)**

Slovak University of Technology in Bratislava  
 Bratislava Slovakia  
[kristian.sogel\(at\)stuba.sk](mailto:kristian.sogel(at)stuba.sk)  
 COST FP1402, MC Member, WG4 Member

*Personal*

Years of experience in relevant field: 11  
 Expertise: Long-term operation of timber structures, Diagnostics and refurbishment of historical timber structures  
 Degree: PhD (19.06.2009)

*Organisation*

Department of Steel and Timber Structures  
 (www.svf.stuba.sk)  
 Focus: theoretical and practical research / innovation, design of structures and education and training  
 Facilities: Mobile testing devices (force and displacement transducers, strain gauges, pressure devices, moisture meter)

No. of staff	PhD students	MSc/year
3	1	12

*Research projects*

1. Composite beams made of wood, concrete, and high-strength materials. Their real features, serviceability, reconstructions, joints, rheology and ecology (VEGA 1/1032/11)
2. Timber and combined beams - real operation, development, reconstructions (VEGA 1/3309/06)

*Publications*

1. Sogel, K.: Timber Beams Subjected to Long-term Loading. In: Slovak Journal of Civil Engineering. Vol. 18, No. 3, 2010, pp. 21-26, ISSN 1210-3896
2. Sandanus, J. – Sogel, K.: Load-bearing structure modelling of historic buildings. In: Transaction of the VŠB – Technical University of Ostrava. Civil Engineering Series. Vol. 13, No. 2, 2003, ISSN 1804-4824 (podiel 50%)
3. Sandanus, J. – Sogel, K.: Refurbishment of Significant Timber Structures in Slovakia. In: Journal of Civil Engineering and Architecture. Vol. 8, No. 8, 2014, pp. 1009-1016. David Publishing Company, New York, USA, ISSN 1934-7359 (podiel 50%)
4. Sandanus, J. – Slivanský, M. – Sogel, K.: Long-Term Test on Timber Trusses. In: Proceedings of IASS - SLTE 2014: 6th Latin-American Symposium on Tension Structures. Shells, Membranes and Spatial Structures. 15.-19.9.2014, Brasilia. Footprints, Brasilia, unpag. (podiel 33%)

