

**Selection of the papers of young researcher awarded for publication
in Acta Polytechnica, Journal of Czech Technical University in Prague**

Ms. RAHMANIAN Ima; UNITED KINGDOM; Thermal conductivity of gypsum at high temperatures, a combined experimental and numerical approach

Mr. CHLOUBA; Jiří Czech Republic; Connection temperatures during the fire test in Mokrsko

Mr. WOLFRAM-KLINGSCH Eike; SWITZERLAND; Experimental analysis of concrete strength at high temperatures after cooling

Mr. MESQUITA Luis; PORTUGAL; Decomposition of intumescent coatings: comparison between numerical method and experimental results

Mr. CORREIA António; PORTUGAL; Experimental research on the fire behaviour of steel columns embedded on walls

Ms. CROSTI Chiara; ITALY; Structural analysis of steel structures under fire loading

Ms. DEENY Susan; UNITED KINGDOM; Spalling of concrete, implications for structural performance in fire

Mr. LAW Angus; UNITED KINGDOM; Incorporation of load induced thermal strain in finite element models

Mr. PADA Dan; FINLAND; Simulation and study of natural fire in a wide-framed multipurpose hall with steel roof truss

Ms. SANTOS Susana; PORTUGAL; Compressive strength of fibre reinforced concretes

Ms. KALLEROVÁ Petra; Czech Republic; Connections of trapezoidal sheets at elevated temperature

Ms. ANDERSON Kate; UNITED KINGDOM; Investigation into methods for predicting connection temperatures

Ms. ESPINOS Ana; SPAIN; Fire resistance of axially loaded slender concrete filled steel tubular columns

Mr. SCHNEIDER Martin; AUSTRIA; Numerical evaluation of load induced thermal strain in restraint structures