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14th International scientific conference “Modern Building Materials, Structures and Techniques” (MBMST 2023), held in Vilnius, Lithuania, on 5–6 October 2023. It covers topics such as modern building materials and their production technologies; investigation and design of reinforced concrete, steel, glass, timber and composite structures; innovative calculation techniques for bridges; geotechnics; new building technologies and management; and building information modelling. The contributions, which were selected through a rigorous international peer-reviewed process, share exciting ideas that will spur novel research directions and foster new multidisciplinary collaborations.