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Dr. hab. inż. Izabela Drygała is Associate Professor at the **Cracow University of Technology**, Faculty of Civil Engineering, Institute of Structural Mechanics. She is a bridge engineer and researcher specializing in **structural dynamics, bridge engineering, seismic engineering, finite element modelling, modal analysis and vibration assessment of footbridges**. She holds professional licensure in engineering design, specialising in bridges in Poland.

Her research focuses on the dynamic behaviour of bridges and pedestrian bridges under human-induced, seismic and mining-induced vibrations, combining experimental testing, numerical modelling and signal processing techniques. She has also worked on structural health monitoring, soil–structure interaction, vibration assessment and the seismic performance of existing and heritage structures. Her scientific activity includes studies on footbridge comfort, dynamic identification, bridge monitoring and the response of structures subjected to non-standard dynamic excitations.

Dr. Drygała has authored and co-authored several international publications in the fields of bridge dynamics, structural mechanics and seismic engineering. She is professionally licensed for engineering design, with a specialization in bridges, and has experience in research, teaching and project coordination in both academic and engineering contexts. Her work combines theoretical, computational and experimental approaches, with the aim of improving the safety, reliability and serviceability of bridge and civil engineering structures.