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Training by Research - Program of, and experiences in, the Smart Structures Research Training Network project

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Smart Structures is a Marie Curie Research Training network (RTN) named "A Computer Aided Engineering Approach to Smart Structures Design". The overall objective of the RTN is to develop an educational and research framework for developing macro-scale noise control applications based on intelligent material systems. The scientific and technological objective of the network is to advance the state-of-the-art in smart materials research to the level of system integration and industrial applicability, with a specific focus on solutions for noise and vibration reduction and for vibration-based damage detection. The paper gives a short overview of the project partners' activity and summarizes the experiences of the researchers and their tutors after the first 18 months of the network.