

## **ABSTRACT**

The diploma thesis focuses on time perception, specifically interval timing, in children diagnosed with ADHD. In the theoretical part, the thesis focuses on introducing the main principles in the contemporary diagnostics of ADHD and gives an overview of the current findings that arise from ADHD research. It provides a brief introduction to the mechanism of interval timing as well as influential models in time perception research. It also presents the specific features of interval timing in the context of ADHD. The research section applies findings from studies that have focused on interval timing in children with ADHD. Emphasis is placed on the development of an appropriate test battery for investigating interval timing in children diagnosed with ADHD. Although the overall results of the research do not provide evidence of a general disruption of interval timing in children with ADHD, they provide valuable insights for further investigation of this phenomenon and offer a solid foundation for the future research project on this topic supported by the Charles Univeristy Grand Agency

## **KEYWORDS**

temporal perception, interval timing, child development, ADHD in children