

This thesis is connection between physics and well known sport, ice hockey. It also contains findings and examples, which can be used in physics teaching in primary and secondary schools. The thesis gathers several theories, that describe why is ice slippery on its surface and tries to point out and comment a long term misconception of pressure melting and gives arguments to disprove it aswell. Another part contains hockey game situations, serving as great practical examples of physics and aims to bring them to physics lessons, because of their attractiveness for students.