

The dissertation thesis consists of an introductory analysis of literature and further of manuscripts, both published and submitted for publication. The analysis of literature firstly describes the theme of facial perception from the view of neuropsychology. It also discusses the question of stereotypical judgment of others according to the facial appearance and the theme of halo effect, as well as the possibility of accuracy in judging others according to their face. Further, it deals with the influence of facial appearance in a numerous social contexts (e.g. in one's career, at school, in politics). The second part of the thesis includes two reviews concerning mainly the accuracy of personality judgment on the basis of facial appearance and various aspects of facial attractiveness. Next, there are four research studies included in the thesis, which were aimed at finding the level of accuracy in judgments of Cattell's personality factors on the basis of facial appearance of an unknown individual. The results suggest that a mere facial appearance contains some relevant information regarding personality of an individual and that the perceiver is able to estimate some personality traits (mainly Social boldness, Liveliness and Warmth) relatively accurately on the basis of both, an individual picture and a composite image. The last study is focused on the relationship of facial masculinity and personality factors. This study led to conclusion that masculine facial traits are related to higher Dominance of an individual. The results of all of the studies are discussed mainly from the view of evolutionary psychology, which suggests a high adaptive value of an ability to perceive some personality traits from facial appearance.