

# PSYCHOPHYSIOLOGICAL PARADIGM LEARNING INTEGRITY OF THE INDIVIDUAL: INTEGRATIVE APPROACH

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It is described the research area in modern psychophysiology and in related sciences which study the biological basis of individual differences of the individual. The application of complex neuro- and psycho-physiological approach to studying the whole personality is discussed. It is listed the various types of physiological arousal as a psychophysiological construct most adequately suited for studying the biological bases of personality. The advantages and disadvantages of using psychophysiological measurements are considered. Methodical techniques which are necessary for multi-psycho-physiological studying personality are given. It is justified, as the result, the becoming of a new trend, which manifests itself at the intersection of neuroscience and psychophysiology and unifying paradigm for psychophysiological study and phenomenology of personality – Personality neuroscience.

**Keywords:** psychophysiology, neurosciences, psychology of the person, the personality, arousal, personality neuroscience.

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