

**THE PROJECT OF STUDYING
TEMPORAL FORMS OF SOLUTIONS
MOTOR TASKS IN VIRTUAL REALITY**

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PRACTICAL RELEVANCE

- Is connected with the need to improve training solutions of motor tasks in modern types of labor



THEORETICAL RELEVANCE

- is connected with wide attention of scientists to the issue of a temporary regulation of the activity, but insufficient knowledge of the mechanisms of its development.
- Y.K Strelkov's concept of a temporary form of process enhances the cultural and activity approach, introduces a temporal dimension to the analysis of activity, makes it possible to extend the principle of symbolic mediation.



THEORETICAL BASIS

- Analysis of the research subject (a temporary form of solutions motor tasks), we produce, referring to the work in the psychology of time S.G. Gellershtein, D.G. Elkin and others. In the works of D.G. Elkin shows the important role of temporal measures to improve the perception, in the work of S.G. Gellershteyn - the important role of feedback in the development of a sense of time, as well as in the development of high-speed movements of the athletes.



GENERAL METHODOLOGY

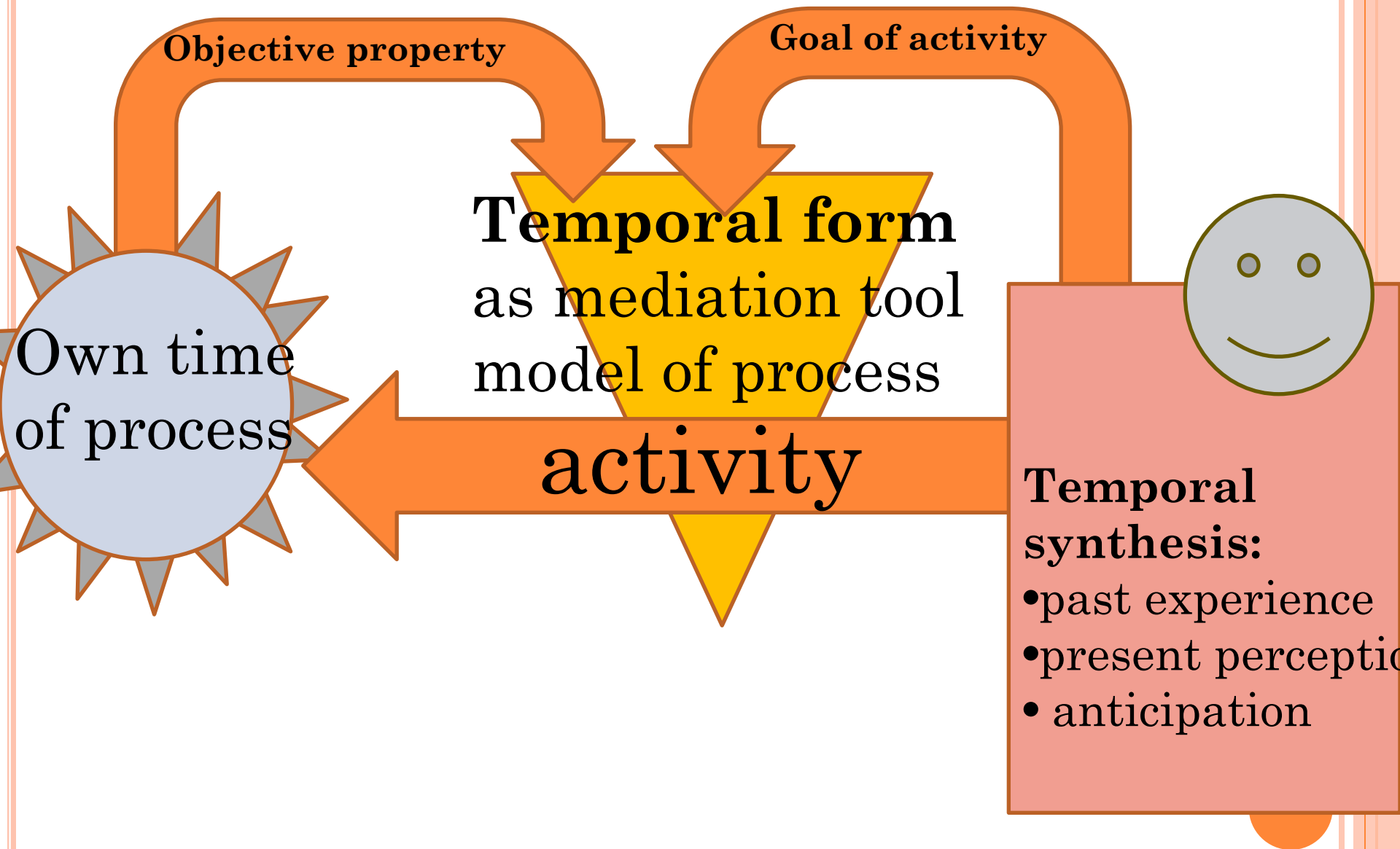
- General methodology, which allows to combine these theoretical approaches in psychology of the movement and the psychology of time, to reveal the problem of professional training and functional development of the subject of labor, in our opinion, is cultural and activity approach. We expect to rely primarily on the principle of the development of higher forms of the human psyche in the process of implementation of activities (Leontiev), under the leadership of learning (Vygotsky), due to the sign of mediation, which allows voluntary and conscious regulation.



TERMINOLOGY.

- **own time of process** is a qualitative time description of the process. It is incognizable completely. Only part of them like a cross section by different type of activity.
- **temporary form of process** is a model of own time of process, it's a mediation psychological tool, which constructed by subject between his activity and property of process.





FUNCTIONS OF TEMPORAL FORM:

- Communicative – information of temporal properties of individual action is need to synchronization and agreement of joint activity
- Intellectual – conscious of activity
- Regulative – organization and control.



TYPES OF CREATING TEMPORAL FORM

- Spontaneously learning in individual work, self-sufficing experience
- Purposeful learning by collective experience.



METHODS:

- We anticipate that our research will be constructed using the functional-genetic method (Vygotsky)

