

## Abstract of final qualifying work

**Subject matter of the dissertation:** Internet communication as a factor in increasing the efficiency of the chess school

**Author of the master's dissertation:** student of HSPAaIM Arsen Ghazarian

**Scientific supervisor of the master's dissertation:** Ph.D. of Department of Information and communication technology, mathematics and information security Elena Pisarenko.

**Customer organization:** Chess School "Initiative."

**Topicality of the research:** The development of Internet communications technology makes adjustments and non-formal processes and extracurricular education - schools are interactive interests, held online conferences and seminars are online workshops. Importance of Internet communication have in the development of intelligent sports - chess, checkers, bridge, go, shogi, Renju, as the Internet erases the territorial boundaries of the games. New information technologies make intelligent sports and transnational public, allows for competition to all, regardless of location, language skills and health. Thus, the relevance of the topic chosen is unquestionable.

**Objective:** development of proposals for the introduction of Internet communications in the chess school work to improve the efficiency of its work.

**Tasks:** consider the concept and essence of information and communication technologies; explore the features of the use of Internet communications in education; examine the structure and principles of chess school "Initiative"; consider the information system used in the chess school; examine and describe the structure of a chess school site, determine its strengths and weaknesses; develop proposals for the use of Internet communications to improve performance of a chess school.

**Theoretical and practical significance of the research:** The theoretical significance of the research is manifested in the ability to use theoretical conclusions of the work, as well as proposals for the use of Internet technologies and communication in the chess school in further scientific studies in the field of sports information and pedagogy. The practical significance of the work lies in the possibility of further use of the results of the work and practical proposals for implementation in the work of a chess school in mobile applications for non-profit educational institutions (schools, clubs, circles) to increase the efficiency of their work.

**Results of the research:** proposals have been formulated for use in the chess school mobile applications for learning chess.

**Recommendations:** It is recommended to develop an application in a multi-level chess game, allows for both individual intellectual games, and participate in major tournaments. Having a mobile application can attract new chess school students, including those who, for whatever reason, can not attend in person. Thus, we can talk about improving organizational effectiveness and social components of chess school.