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Shirokanova A.A. Forms of Scientific Communication in Information Society

Scientific communication, as a system of interactions between scientists, tends to transform dramatically under conditions of information society and rapid development of information and communications technologies. Network communication encourages transcending organizational boundaries in science, i.e. developing interdisciplinary knowledge and international research teams. A great increase in the number of scientific publications, growth of co-authorship, and popularity of open access publications all influence the structure of formal scientific communication. Moreover, scientific Internet communities produce alternative structures of communication. In this paper, a theoretical review is done in order to identify whether «invisible colleges» and other previous structures are affected. The conclusions are that personal contacts between scientists remain crucial for scientific communication and that new technologies integrate into the system of communication by bringing about new forms of communication, thus contributing to the development of science.

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