Conference

ICT solutions for Scientific Communication and Learning.

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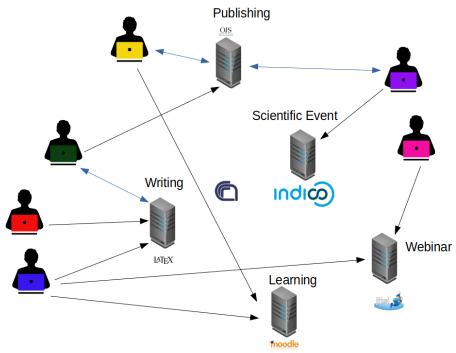
One of the institutional tasks of public research bodies is to promote the dissemination of knowledge through editorial initiatives and training courses. Technological progress, in the field of communication, and the diffusion of the Internet makes it possible for the scientific community to produce and distribute academic publishing products on its own. The self- publication of scientific content takes place through the use of IT platforms dedicated to the management of the editorial process of production[1] and distribution of both magazines and digital monographs. Specialized IT platforms for collaborative scientific writing[2] are also available to complete the editorial process. With this platform it is possible to create scientific publishing products of high typographical quality in a collaborative way, multiple authors working simultaneously on the same document, even on different parts of the same. The software keeps track of all changes and also manages a workgroup chat. The results of the experimentation and the advantages found on the use of the IT platforms created will be exposed.



Also for training, various IT solutions were tested to the creation of an integrated system of IT platforms to carry out e-learning. The results of Learning Contest Manager System[3] and Web services integration will be exposed.

Another area of scientific communication is the organization and distribution of the contents of conferences and scientific seminars. Also in this area, a specific IT platform[4,5] was tested with which to manage the entire organizational process of scientific events: from the collection of contributions, to the realization of the scientific program of the event and the management of registrations.

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