



**III Międzynarodowa  
Konferencja OA**

**III Międzynarodowa Konferencja Open Access w Polsce  
„Otwarta nauka i edukacja”**

13-14 marca 2012, Bydgoszcz, Polska

**III International Conference Open Access in Poland  
“Open learning and education”**

March 13-14, 2012, Bydgoszcz, Poland

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### **Science 2.0 — its élite and enthusiasts**

Scientific research in high energy physics have shown directions of world science development. Most difficult problems can be solved in great research groups only because no individual scientist would be able to deal with all the aspects — from technical details of detectors, throughout data analysis algorithms, up to basic research question — on an expert level. Such a model of research requires free and quick flow of information. However, transfer of open model of science to other disciplines requires deep changes in funding science models and methods of assessment of researchers. Moreover in the whole process, it is important to take into account enthusiasts of science, who may have no access to data and knowledge resources or tools without institutional support. It means that the opening of science process requires complex solutions at law, technical and social levels.

### **Biography**

A Bio-IT worker in the Faculty of Biology at the University of Warsaw and in the Department of Bioinformatics of the Institute of Biochemistry and Biophysics of the Polish Academy of Sciences (IBIB PAN). The author of the blogs “Freelancing science”, concerning the science 2.0., “Circle of Complexity” about open access, and a similar one written in Polish “Science — Open” („Nauka — Otwarta”). For many years he has been dealing with the subject of opening scientific research and new methods for scholarly communications. He is cooperating with the Creative Commons organization and the American Open Society Institute (Instytut Społeczeństwa Otwartego). He is also a member of the Open Science Working Group in the British Open Knowledge Foundation (Fundacja Otwartej Wiedzy). Since 2009 he has been the headmaster of the Systems Institute (Instytut Systemów) — a foundation dealing i.a. with projects concerning the infrastructure of open access.