



Frontiers Research Foundation

Prof Henry Markram

About you and your organisation

- *Name: Prof Henry Markram*
- *Address: Frontiers Research Foundation (FRF), Parc Scientifique, Ecole Polytechnique Federale de Lausanne, Lausanne, Switzerland*
- *Your web URL: <http://www.friendsoffrontiers.org>;
<http://www.friendsoffrontiers.org>*
- *Activities: FRF is a research foundation that supports equal opportunity to seek, share and create knowledge. Our mission is to help build knowledge societies.*
- *Your organisation's name: FRONTIERS RESEARCH FOUNDATION*
- *The nature of your organisation: NON-PROFIT FOUNDATION*
- *The country from which it operates: SWITZERLAND*
- *The department within the organisation: RESEARCH*
- *The speciality of the department: RESEARCH*

Your Experience

- **The skills of you and your organisation have.....** I am a neuroscientist with a record of over 100 publications, numerous awards and currently run one of the largest and highest tech projects in neuroscience aimed at simulating the brain using supercomputers. The foundation I helped establish has 15 FTEs at the PhD or PostDoc level across the spectrum of academia that carry out research on the demographics of research and a wide spectrum of topics around the measurement of the impact of research on society.
- **The topics you are interested in are** researching and improving the academic publication process, the peer-review system, the evaluation of research impact, the impact of research ideas on society, new methods for public dissemination of research knowledge, structuring academic taxonomies and their relationships, new methods of S&T teaching in schools, and the translation of research findings into intellectual property. FRF supports a novel open access publishing model called the Equal Access model which is aimed at removing bias from the peer-review system, translating research knowledge to the public, and integrating knowledge across research disciplines.
- **Involvement in previous / ongoing projects in the area:** not in this thematic region

Your Project ..

- **The aim of the project is to establish measurements for evaluating the impact of academic research on society**
- **Keywords related to the proposal:** open access, peer-review, impact factor, public knowledge of research, academic taxonomy, demographics of research

Content of the Project in Brief

- **The project should focus on**
quantitative evaluation of the impact of academic research on society
- **The objectives of your proposal are;**
 - 1) To measure the impact of the subscription publishing model on academic research, technological innovation and public understanding of research knowledge,
 - 2) To evaluate the efficiency of the academic publication process,
 - 3) To evaluate the impact of bias on the peer-review system,
 - 4) To evaluate methods of measuring researcher and journal impact,
 - 5) To establish measures of the impact of research ideas on society,
 - 6) To evaluate the evolution of academic taxonomies.

Possible Partners

- An idea of the existing partnership:
- The possible partners for this project can be
 - From Academia – educators, sociologists, librarians
 - From Research Institute – sociologists, historians, statisticians, informaticians, philosophers
 - From industry – publishers (open access; internet archiving, internet knowledge hubs)
 - Possible SMEs – market research companies, knowledge research companies, internet knowledge companies