Introductory Editorial

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ABSTRACT

The Open Journal of Information Systems is a new open-access journal covering all aspects of information systems. In this introductory issue, we present two articles. In the first article, Kessler et al. present new techniques to achieve better anonymity in time series. In the second article, Iivari introduces a new model from which we can derive recommendations to improve the use of social network services.

TYPE OF PAPER AND KEYWORDS

Editorial: *open access, OJIS*

1 INTRODUCTION

Two decades ago, research articles were mostly distributed in printed form to college libraries. This seems quaint today. Most computer science researchers expect to find research articles online—for free. In parallel with these practical expectations, a lobby has emerged to demand free access to research results for all. Increasingly, funding agencies expect funded researchers to publish their work in open-access journals.

Major publishers have sometimes responded by allowing authors to opt for open access when publishing their articles. Unfortunately, since not all authors in a given journal might make this choice, full access to the journal remains restricted. Thus colleges still need to pay subscription fees while authors have to pay publication charges. Many view this outcome as unsatisfactory and encourage researchers to publish in open-access journals. Unfortunately, there are few established open-access journals in computer science. Though some were very successful, such as the Journal of Machine Learning Research and the Journal of Artificial Intelligence Research, they are only suitable for researchers working in specific domains. It is essential that we keep developing new high quality open-access journals in computer science.

New publishers have also risen to the challenge. Unfortunately, not all Open Access journals are desirable venues. When assessing a new journal, we should pay attention to a few fundamental factors such as:

- Do the authors have to cede their copyright to publish in the journal? Open Access journals that demand to keep the copyright are often viewed with suspicion.

- Is the editorial board solid? Some unscrupulous publishers make a mockery of the peer review process, but established researchers will not remain associated for long with such publishers.

Thankfully, the Open Journal of Information Systems (OJIS) shine in this respect. Authors keep their copyright while readers are free to use articles under a Creative Commons Attribution License. Our editorial board counts many well established researchers who believe in this new journal.

Any new journal faces a *cold start* problem: more established journals have an easier time attract quality submissions, if only due to inertia. A new journal might be tempted to accept weaker submissions initially. In contrast, we chose to apply the best standards because we believe that this is the only viable route on the long run. We are therefore proud to present the articles of our first issue.

2 CONTENT OF THE FIRST ISSUE

In "Pattern-sensitive Time-series Anonymization and its Application to Energy-Consumption Data", Kessler et al. address the important problem of anonymizing time series. The authors use clustering, splitting and heuristics to improve the anonymity. To support their work, they introduce a new measure, (n, l, k)-anonymity. Their results are backed by extensive experiments. The manuscript was communicated by Prof. Sokratis Katsikas.

In "Perceived Sociability of Use and Individual Use of Social Networking Sites", Iivari proposes the novel "Perceived Sociability of Use" (PSOU) construct. It is validated on dozens of Facebook users living in the arctic. Using its theoretical framework, the article derives several suggestions on how to improve the usage of social network services. The articles stresses the importance of ease of use, multimodality, identity hideability and user control. The manuscript was communicated by Dr. Petr Kremen.

AUTHOR BIOGRAPHY

Daniel Lemire has a B.Sc. and a M.Sc. in Mathematics from the University of Toronto, and a Ph.D. in Engineering Mathematics from the Ecole Polytechnique and the Université de Montréal. He is a computer science professor at the Université du Québec (TÉLUQ). He has held competitive research grants from the Government of Canada for the last 15 years. He has served as program committee member on leading computer science conferences. His research interests include databases, information retrieval and high performance programming. He serves as Editor-in-Chief of the Open Journal of Information Systems.