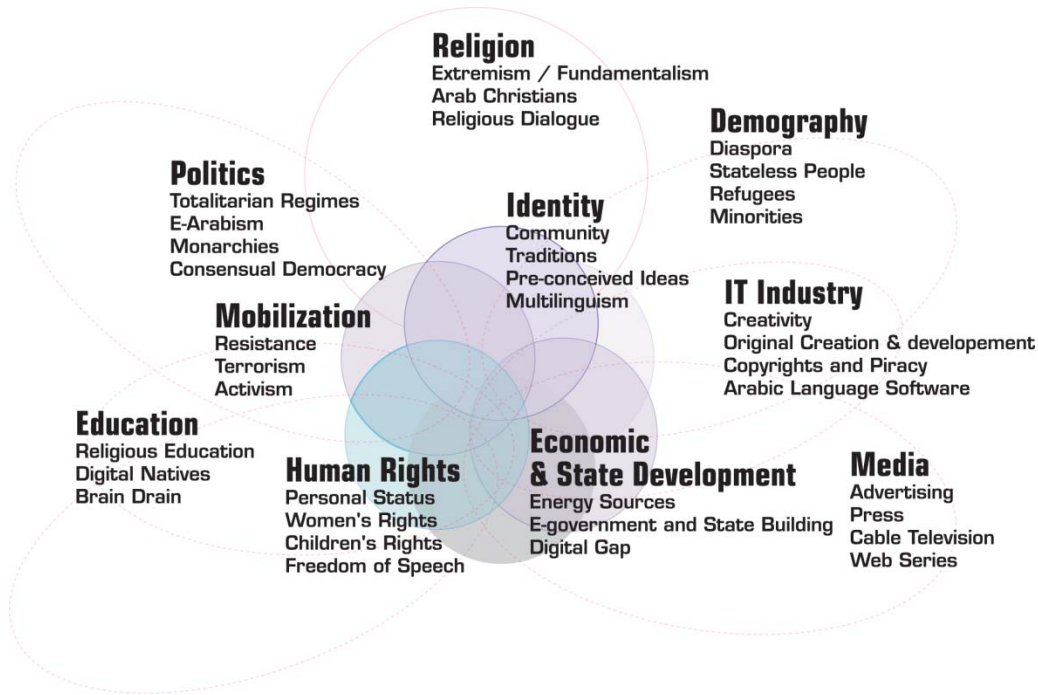




Promouvoir sa recherche : Article, Poster, Lightning Talks @ WebScience 2010



Colliding Web Science in the Arab Near East

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche :

Article, Poster, Lightning Talks @ WebScience 2010

- 2006 : Appel international de Sir Tim Berners-Lee pour la création d'un nouveau domaine de recherche : La Web Science ou approche interdisciplinaire du Web.
- Web : "Social machine" dont l'impact doit être étudié pour en maîtriser l'évolution.
- Web Science Trust créée en 2009.

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne

Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation





Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- 2006 : Programme Cyberlab au CEMAM
- 2009 : UIR Web Science, une jeune équipe de recherche répond à l'appel de Tim Berners-Lee
- En recherche de visibilité, de notoriété...

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- Présentation de nos résultats de recherche à la conférence **Web Science 2010**, à Raleigh NC, USA en avril 2010.
- Conférence internationale annuelle, sur 2 jours en *one track*, avec 2 main speakers et 30 intervenants

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- **Stratégie :**

1. Produire un abstract en anglais de 2 pages
2. Produire un article en anglais de 8 pages
3. Faire publier l'article dans la revue de référence
4. Produire un poster
5. Assurer une présentation orale, même courte

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- **Soumettre un abstract**

Etape fondamentale du dispositif

- Soumission anonyme
- Démarche de “*séduction*”
 - Choix des termes, clarté du message
 - Titre attirant (provoquant ?)
 - Structure : Intro, méthode, résultats

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- **L'article**

Objectif : Diffusion

- Deux auteurs et plus – Stratégie de référencement
- Mise en ligne sur site / blog avant l'événement
- Préparer une version PDF couleur avec références actives
- Prévoir des copies imprimées de l'article pour distribution
- Respecter le format (Ici, format ACM)

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation





Promouvoir sa recherche : Article, Poster, Lightning Talks @ WebScience 2010

Web Science in the context of the Arab Near East

Stéphane B. Bazan

UIR Web Science / CEMAM
Saint-Joseph University
Beirut, Lebanon
+961 1 421 524

stefan.bazan@usj.edu.lb

Christophe Varin

UIR Web Science / CEMAM
Saint-Joseph University
Beirut, Lebanon
+961 1 421 524

christophe.varin@usj.edu.lb

ABSTRACT

Beirut's Saint-Joseph University launched the first Web Science Interdisciplinary Research Unit in the Middle East in September 2009. Following the research roadmap proposed by the WSRI in 2008, the UIR Web Science will attempt to provide scientific and contextualized answers toward a better understanding of the Web and its usage in the Arab Near East (Lebanon, Jordan, Syria).

The UIR Web Science will employ offline and online researchers interested in approaching the Web through their own scientific

interdisciplinary research, with its hypotheses, its methodology and its tools, around a contextualized object of study, in this particular case the Web in the Arab Near East (ANE)? The approach of the UIRWS is one of questioning the nature of its innovative disciplinary activity and an attempt to propose, in an original way, an interdisciplinary and thus new outlook of a geographical zone difficult to understand because of its character and its location. This constitutes a new frontier for Web Sciences, within the realm of the *Dark Side of Web*.

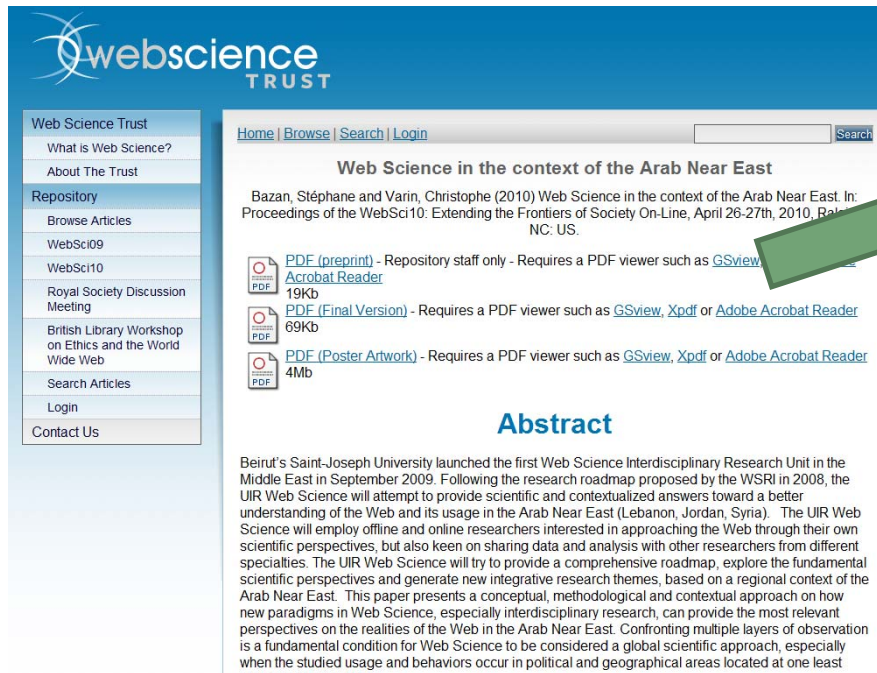
Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche : Article, Poster, Lightning Talks @ WebScience 2010

• Journal of Web Science



Web Science Trust

What is Web Science?
About The Trust

Repository

Browse Articles

WebSci09

WebSci10

Royal Society Discussion Meeting

British Library Workshop on Ethics and the World Wide Web

Search Articles

Login

Contact Us

Home | Browse | Search | Login

Web Science in the context of the Arab Near East

Bazan, Stéphane and Varin, Christophe (2010) Web Science in the context of the Arab Near East. In: Proceedings of the WebSci10: Extending the Frontiers of Society On-Line, April 26-27th, 2010, Raleigh, NC: US.

 [PDF \(preprint\)](#) - Repository staff only - Requires a PDF viewer such as [GSview](#) or [Acrobat Reader](#)
19Kb

 [PDF \(Final Version\)](#) - Requires a PDF viewer such as [GSview](#), [Xpdf](#) or [Adobe Acrobat Reader](#)
69Kb

 [PDF \(Poster Artwork\)](#) - Requires a PDF viewer such as [GSview](#), [Xpdf](#) or [Adobe Acrobat Reader](#)
4Mb

Abstract

Beirut's Saint-Joseph University launched the first Web Science Interdisciplinary Research Unit in the Middle East in September 2009. Following the research roadmap proposed by the WSRU in 2008, the UIR Web Science will attempt to provide scientific and contextualized answers toward a better understanding of the Web and its usage in the Arab Near East (Lebanon, Jordan, Syria). The UIR Web Science will employ offline and online researchers interested in approaching the Web through their own scientific perspectives, but also keen on sharing data and analysis with other researchers from different specialities. The UIR Web Science will try to provide a comprehensive roadmap, explore the fundamental scientific perspectives and generate new integrative research themes, based on a regional context of the Arab Near East. This paper presents a conceptual, methodological and contextual approach on how new paradigms in Web Science, especially interdisciplinary research, can provide the most relevant perspectives on the realities of the Web in the Arab Near East. Confronting multiple layers of observation is a fundamental condition for Web Science to be considered a global scientific approach, especially when the studied usage and behaviors occur in political and geographical areas located at one least

-  [PDF \(preprint\)](#) - Repository staff only - Requires a PDF viewer such as [GSview](#) or [Acrobat Reader](#)
19Kb
-  [PDF \(Final Version\)](#) - Requires a PDF viewer such as [GSview](#), [Xpdf](#) or [Adobe Acrobat Reader](#)
69Kb
-  [PDF \(Poster Artwork\)](#) - Requires a PDF viewer such as [GSview](#), [Xpdf](#) or [Adobe Acrobat Reader](#)
4Mb

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- Le poster

Objectif : Communication

- La session de poster est plus efficace que les interventions
- Communication **1 to 1** avec les participants
 - Pour aller plus loin, mieux faire comprendre certains aspects
 - Prévoir des copies couleur imprimées de l'article pour distribution
 - Prévoir une version PDF du poster pour joindre à l'article

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation





Promouvoir sa recherche : Article, Poster, Lightning Talks @ WebScience 2010

Web Sciences in the Context of the Arab Near East

Stéphane B. Bazan, Christophe Varin
Interdisciplinary Research Unit in Web Sciences (UIRWIS)
Center of Studies for the Modern Arab World (CEMAM)
of the University Saint Joseph - Beirut, Lebanon

Introduction

The Interdisciplinary Research Unit in Web Sciences (UIRWIS) at the Center of Studies for the Modern Arab World (CEMAM) of the University Saint Joseph - Beirut (USJ) was created to try to answer the central question put forward by the Web Science Initiative:

Is it possible to imagine, then to organize, an activity of interdisciplinary research, with its hypotheses, its methodology and its tools, around a contextualized object of study, in this particular case the Web in the Arab Near East (ANE)?

The approach of the UIRWIS is one of questioning the nature of its innovative disciplinary activity and an attempt to propose, in an original way, an interdisciplinary and thus new outlook of a geographical area difficult to understand because of its character and its location. This constitutes a new frontier for Web Sciences, within the realm of the Dark Side of Web.



Colliding Web Science in the Arab Near East

Choosing Web Sciences

For interdisciplinarity

Interdisciplinarity, as a basic premise of the Web Sciences, requires putting the scientific methods of every concerned discipline into perspective, to draw a series of exchangeable experimental methodological approaches.

For Evolution against description and prescription

But supporters of Web Science today, are trying to modify the research paradigm that prevails around an observation of the Web, and to move away from a descriptive point of view. Instead they look to combine modeling and social sciences to anticipate changes and try to influence them.

For a new epistemology

Do we participate in the elaboration of an epistemology that might be shared by several scientific disciplines to allow the observation of the Web phenomenon?

Or do we create the epistemology for a science, the object of which is the Web, with its own methodology, its own theoretical production and its own hypotheses?

For Mixed Methods

Dr. Nigel Shadbolt raises a second level of questioning that concerns the use of "mixed methods research to explore the relations between ethnographic insights to Web practice and the emergence of the Web at the macro level".

James Hendler and al. also wonder "how cultural differences affect the development and use of social mechanisms on the Web" and ask if "infrastructure can help in bridging cultural divides and/or increase crosscultural understanding".

Today, the necessity of drawing structures to welcome, frame and facilitate an interdisciplinary approach is more and more striking whether it is at the level of universities, governments or transnational organizations.

Defining the Research Context



Lebanon, Syria and Jordan

Not only does the ANE Web researcher have to choose and propose an epistemological trend, he is immediately confronted at the start of the complex task with the necessity of defining the focus.

Users of the Web are not just simple subscribers in a national IT structure, but are actors within a new societal space, the borders of which are no longer dictated by the regulatory framework of the operators of the network, nor by the political borders of the States.

For example, Facebook is officially forbidden in Syria, but the President of the Syrian Arab Republic maintains a profile and an elaborate communication strategy there.

Another example: The point of view of bloggers located outside the chosen area is generally influenced by authors of blogs who write in the same language as them and who are closer to the model of the Arab: Blogger measured by Islamism, democracy, and secular (The "triangle of resistance") and the concept of hegemony.

• Does a Web actor in the ANE necessarily have to be Syrian, Jordanian or Lebanese nationality?

• Can a Syrian religious Web site, created and maintained by activists in England, be considered as part of the Web of the ANE?

• Is a Blogger from the Lebanese Diaspora in Paris a Lebanese Blogger, even if the topics of his posts have nothing to do with Lebanon?

Youssef Gharib Gharib refuses to link Arabic space on the Web to a territory bounded by linguistic borders, cultural practices, or the political borders of states. He prefers an approach that combines fields of transnational context, identity, actors and tools.

The study by Elving et al., concerning an observation of 25,000 blogs, defined the public sphere of the ANE around an original typology of countries, cultural influences, links (called "bridges") between Arab bloggers, Christian bloggers and muslim bloggers, and links with religion, political movement or the Palestinian Cause) and finally through online tools such as Arabic Space on YouTube or on Twitter.

	Lebanon	Syria	Jordan
Surface	10,452 km ²	185,180 km ²	92,881 km ²
Population	4 millions	22 millions	6.3 millions
Political system	Constitutional Democracy	Authoritarian Regime	Parliamentary Regime
Language	Arabic, English, French	Arabic, English, French	Arabic, English
Religion	10 religions	10 religions	3 religions
Capital	Beirut	Damascus	Amman
Member of international bodies	UN, Arab League, OIC, etc.	UN, Arab League, OIC, etc.	UN, Arab League, OIC, etc.
Number of Internet users	1,500,000	5,500,000	1,500,000
Internet speed	100 Kbps	100 Kbps	100 Kbps
Search engine speed	400 Kbps to 1 Mbps	400 Kbps to 1 Mbps	400 Kbps to 1 Mbps

Research Road Map

Building the reference corpus

A real ground observation, sector-based, organized and systematic then becomes necessary for the construction of the reference corpus which will be used as a foundation for the activities of the Web Sciences researcher in the ANE.

Inventing the dynamic research methodology

The UIRWIS is going to proceed with the formalization of its scientific review by working at several levels. The researchers will above all have to develop answers to the epistemological and methodological questions of their approach. They will have to build their own tools, test them, validate them directly in the context of their practice.

With an object of study as changeable as today's Web, it is obvious that it will be necessary to adopt a dynamic logic and forget about a definitive relation with static fundamental concepts. In parallel to this epistemological stance, the researchers will have the need to create the conditions of the interdisciplinarity, i.e. bridged crossed frontiers, explore valid concepts for several observations, supply data and establish contacts for the other disciplines.

Ongoing Research



Politics and Education
Active content strategy for Facebook schools education websites

History and Technology
History of the web in the Arab Near East

Sociology and religion
Religious dialogue initiatives on the web

Education and technology
Usage of web 2.0 tools in Lebanese schools

Politics and Media
Ownership and impact on constitution by new forms of communication in Lebanon

Politics and Sociology
Impact of social networking on the ANE

Conclusion

This call for a basic, interdisciplinary research, capable of adapting itself to evolution and contexts, and capable of inventing new methods of observation of a complex phenomenon is totally innovative. The creation of a team of interdisciplinary researchers in the ANE who select a precise context for its observation contributes not only to highlighting the concrete application of Web Sciences, but also to federate around the proposed frame of action, the other teams having the same concerns of interdisciplinarity, mixed methods and experiments.

The contextualization is also very important: in the face of the complexity of the Web and the diversification of its use in the most remote zones of the globe, it is important that researchers throughout the world be able to benefit from localized observations, freed from the prescriptive speeches. Thanks to this new transparency, the ANE will finally leave the shadow zone in which it is in present.

References

- Anderson, J. Des communautés virtuelles? Vies et lieux d'une technologie d'Internet. Paris: La Découverte, 2005.
- Chaboud, N. Histoire de la technologie de l'information au Liban. La Société de l'Information au Proche-Orient et au Moyen-Orient, 1997.
- Elving, B., Kelly, J., Paine, R., Polley, J. Mapping the Arab Blogosphere: Politics, Culture, and Change. Berkeley Center for New Media Publications, 2008.
- Elving, B. Understanding the Arab Blogosphere. June 2008. <http://fslg.usf.edu/wordpress/>
- Gharib Gharib, Y. A la recherche d'un espace arabo-islamiste: des pratiques de la communication à la technologie. Paris: L'Harmattan, 2008.
- Gharib Gharib, Y. Les arabes parlent-ils arabe. Toulouse, Actes 2007.

For further information

Email : varin@usj.edu.lb
Web : webscience.blog.usj.edu.lb
Twitter : @webscience





Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- La session “Lightning Talks”

Objectif : Visibilité

- Entre 3 et 5 minutes en plénière
- Communication **1 to many** avec les participants
 - Préparer son texte pour ne rien oublier et ne pas perdre de temps
 - Aller à l’essentiel, à l’idée majeure, ne pas s’éparpiller
 - Interpeller, intéresser, utiliser des mots forts et percutants

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d’étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l’éducation





Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- Et aussi :

Objectif : Communauté

- Echanger E-Mails et URLs
- Suivre la conférence sur Twitter, twitter et retwitter
 - #websci10

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche : Article, Poster, Lightning Talks @ WebScience 2010



eraser eraser

RT @olgag: RT @jeancharles: Mapping Over Time and Space: The Future of Social Network Analysis <http://feedly.com/k/h07SSE>
#websci10 #www2010



olgag OlgaG

RT @jeancharles: Mapping Over Time and Space: The Future of Social Network Analysis <http://feedly.com/k/h07SSE> #websci10
#www2010

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- Et aussi : Le service après-vente

Objectif : Communauté

- Poster l'intégralité du contenu présenté sur son site / blog
 - Abstract
 - Article (Selon les dispositions de la revue...)
 - Poster
 - Lightning Talk

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche : Article, Poster, Lightning Talks @ WebScience 2010

WSRI : The Web is the largest human information construct in history.
The Web is transforming society. In order to...

- understand what the Web is
- engineer its future
- ensure its social benefit

→ We need a new interdisciplinary field that we call **Web Science**!

Cemam

W UIR WebScience
Unité interdisciplinaire de recherche - Centre d'étude du monde arabe moderne - Université Saint-Joseph de Beyrouth (Interdisciplinary Research Unit on Web Science - Saint-Joseph University's Center for studies on the Modern Arab World (CEMAM))

UIR Web Science

Bienvenue Welcome Rejoignez-nous Equipe et contact Activités Activities

Web Science in the context of the Arab Near East

Share 2 Retweet Buzz

Publié le 07 mai 2010

Bazan, Stéphane (2010) Web Science in the context of the Arab Near East. In: Proceedings of the WebSci10: Extending the Frontiers of Society On-Line, April 26-27th, 2010, Raleigh, NC; US.

View this publication on Calaméo

calaméo

Publish at Calaméo or browse the library.

Nouveautés

- Lectures WebScience
- Séminaire @UIRWG-S
- Political E-Activists from the virtual to the action

Productions

- Chercheurs
- Commentaires
- Concepts
- Conférences / Causeries
- Documents de travail
- Presse
- Publications
- Séminaires
- Textes fondamentaux

Calendrier

facebook

we

UIR Webscience

Mur Infos Discussions Photos Vidéo Évènements

Pублиer : Statut Photo Lien Vidéo

Exprimez-vous

Paramètres

Envoyer un message à tous les membres

Promouvoir le groupe avec une publicité

Modifier les paramètres du groupe

Modifier les membres

Inviter des amis à rejoindre le groupe

Créer un événement de groupe

Écrire quelque chose à propos de UIR Webscience.

Informations

Catégorie : Internet et technologies - Cyberculture

Stéphane Bernard BAZAN I'll be representing UIR Web Science tomorrow @ the first Workshop on Web Science Curriculum at Southampton University. That's good.
22 septembre 2010, 23:24 · J'aime · Commenter

Pierre Fmgrr

Tim Berners-Lee: The next Web of open, linked data - on Dailymotion
www.dailymotion.com
Références de la présentation: (draft du www, vidéo de Hans, etc...) http://www.pearltrees.com/nicolas/map/1_17905/ (click play puis naviguer avec les flèches). Plus d'inf

21 juin 2010, 20:01 · J'aime · Commenter · Partager

Sabrina Saad aime ça.

Rédiger un commentaire...

Stéphane B. BAZAN

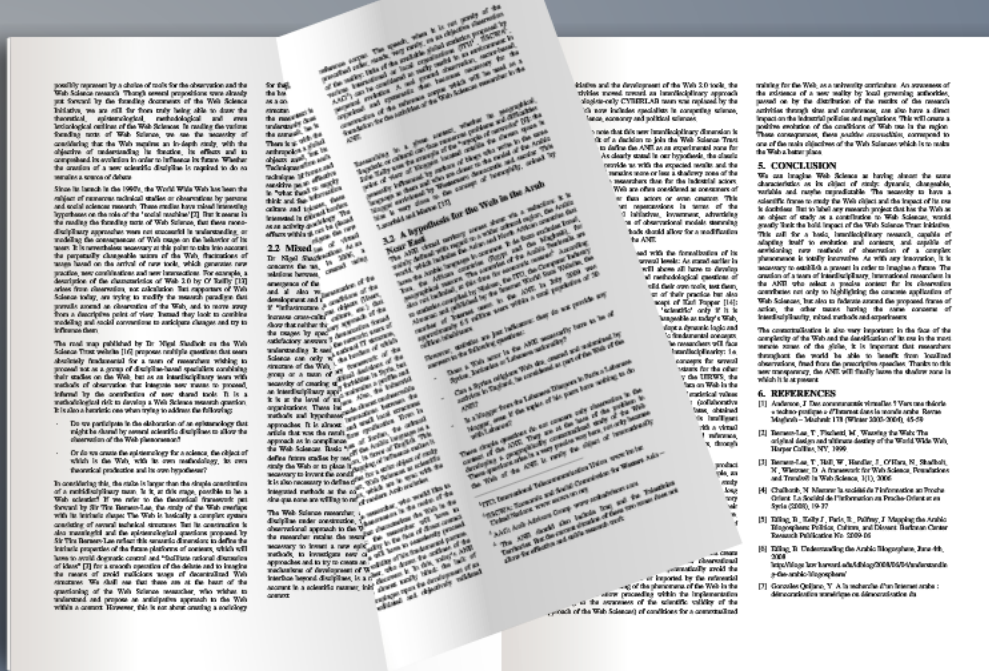
Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation





Promouvoir sa recherche : Article, Poster, Lightning Talks @ WebScience 2010

calaméo



Stéphane B. BAZAN
Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation





Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- En conclusion

- Beaucoup de préparation
- Soigner le matériel (article, posters, présentations)
- Networking interpersonnel
- Présence sur les communautés en ligne (suivi)

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation



Promouvoir sa recherche :
Article, Poster, Lightning Talks @ WebScience 2010

- En conclusion : 2010-2011
 - Invitation à la Royal Society
 - Participation à la construction du Curriculum WS
 - Participation à un projet Erasmus pour un MSc
 - Invitation à Koblenz pour WebSci11 - 4 chercheurs

Stéphane B. BAZAN

Unité interdisciplinaire de recherche en Web Science - Centre d'étude pour le monde arabe moderne
Unité des nouvelles technologies éducatives - Faculté des sciences de l'éducation