Dr. Christophe Dominique Marie Guéret

Linked Data researcher and open data advocate interested in the design of decentralised interconnected knowledge systems. Currently focusing on the interplay between Information and Communication Technologies for development (ICT4D) and Computer Science.

Office address
Data Archiving and Networked Services
Anna van Saksenlaan 51, 2593 HW Den Haag, Netherlands
Phone: +31 61 45 76494

Online addresses
Email: christophe.gueret@dans.knaw.nl
Homepage: http://christophe.gueret.me
Tweets: https://twitter.com/cgueret and https://twitter.com/wwsemweb
Code: https://github.com/cgueret
Papers: http://www.mendeley.com/profiles/christophe-gueret/
Blogs: http://semweb4u.wordpress.com and http://www.worldwidesemanticweb.org
LinkedIn: http://nl.linkedin.com/in/cgueret

Personal details
Languages spoken : French (mother tongue), English (fluent), Dutch (basic)
Date of Birth : December 11, 1979

Research Interests
Decentralised information systems and ICT for development (ICT4D). Usage of Computational Intelligence techniques to address Semantic Web problems. Network analysis of Complex Systems applied to Web Data.

Competences

Computer skills
Development languages (Java, Javascript, Python, C, C++). Web-development and document specification languages (HTML, Javascript, CSS, XML, LaTeX, RDF, SPARQL). Use of Windows, Mac and GNU/Linux operating systems. Network administration.

Other skills and Interests
Good presentation and communication skills, very motivated in learning new things and good at team work. Event organisation and chairing. Networking and community building.

Education

2002 − 2006
PhD, Computer Science - University of Tours, France
Field of work: Data processing, P2P networks, Swarm algorithms
Disseration title: "Navigateurs Internet intelligents: Algorithmes de fourmis artificielles pour la diffusion d'informations dans un réseau P2P"
Laboratory: Computer science laboratory of Tours (LI), research team "HaNT"
Advisors: Pr. Mohamed Slimane, Dr. Nicolas Monmarché

2001 − 2002
Master Degree, Computer Science - University of Tours, France
Field of work: Virtual 3D landscape representation, Data streaming

1999 − 2002
Engineer, Computer science applied to Industry - University of Tours, France

Experiences

Professional Experience

Oct 2012 − Present
DANS/KNAW - Den Haag
Position : Researcher

- Sept 2013 − present : Co-leader of the WG on "Data curation and navigation based on knowledge maps" in KNOWeSCAPE (http://knowescape.org/).

- 2012 − present: Co-lead the e-Humanities project "CEDAR" on historical Dutch census data (see http://www.cedar-project.nl/ and http://ehumanities.nl/).

- 2012 - 2013: Lead the project "ERS" about entity registries for low-connectivity contexts under a grant from Verisign Inc. together with the ExaScale InfoLab (see http://worldwidesemanticweb.org/projects/entity-registries/).

Oct 2007 − Aug 2012	**Knowledge Representation & Reasoning Group (AI Dept.) - Vrije Universiteit, Amsterdam** *Position : Post-doctoral researcher*

- Until 2010, lead the SOKS project investigating cross-research opportunities between Computational Intelligence and the Semantic Web (http://www.few.vu.nl/soks/).

- From 2010, Work package leader for the activities from the VUA in the European funded (FP7) LATC project providing support for publishing Linked Data on the Web (http://latc-project.eu/).

- In 2011, launched the "World Wide Semantic Web" portal (http://worldwidesemanticweb.org) and the W3C community group "Development Linked Data (DLD)" (http://www.w3.org/community/dld/). Still currently manages both groups together with like-minded researchers.

Teaching Experience

2012 − present	**Vrije Univeristeit Amsterdam, Netherlands** *Position : Guest researcher* Guest lecture in the "Environment & Development" course of the Faculty of Social Sciences to speak about low-resource ICT infrastructures. Lecturer in the "ICT4D" master module. Supervision of Master and Bachelor students on ICT4D related topics.
2008 − 2012	**Vrije Univeristeit Amsterdam, Netherlands** *Position : PostDoc* Guest lecture in the "Automated Reasoning" course to explain how to solve CSPs with evolutionary computing. Lecturer in the "ICT4D" master module. Supervision of Master and Bachelor students

Committees and reviews

2014	**Semantic Web journal (SWJ)** *Position : Guest editor*
2007 − present	**Journal of Systems and Software, Journal of Web Semantics (JWS), Semantic Web journal (SWJ), IEEE Internet Computing, Journal On Advances in Internet Technology** *Position : Reviewer*
2003 − present	**Workshops (Natures, SOAT, DownScale), Conferences (JFT, ESWC), Tutorials (LATC, LD4D, KR4D)** *Position : Member of Organizing Committee, Chair*
2009 − present	**ESWC, WWW, ISWC, EMERGING, GraphQ, LWDM, ATC, SOCINFO, MAJESTIC** *Position : Member of Program Committee*

Selected side activities

Sept 2013 − present	**Land Portal** http://landportal.info/ *Position : Member of Technical Architecture Group (TAG)* Contribute experience on system architecture and knowledge representation best practices for publishing information about land usage.
July 2011 − present	**W3C** http://w3c.org/ *Position :W3C AC representative for the Vrije Universiteit Amsterdam, member of the W3C Working Group "Data on the Web Best Practices Working Group (dwbp)"* Contribute to creating standards for the Web
2010 − present	**OLPC** http://wiki.laptop.org **and SugarLabs** https://www.sugarlabs.org/ *Position : Community member* Contribute developing software, ideas and relations within the community

Selected publications

The full list of over 60 publications is available online: http://www.mendeley.com/profiles/christophe-gueret/

[1] GUÉRET, Christophe ; CUDRÉ-MAUROUX, Philippe: The Entity Registry System: Publishing and Consuming Linked Data in Poorly Connected Environments. In: *ERCIM News* (2014), April, 54–55. http://ercim-news.ercim.eu/en97/ri/the-entity-registry-system-publishing-and-consuming-linked-data-in-poorly-connected-environments

[2] GUERET, Christophe ; BOER, Victor de ; SCHLOBACH, Stefan: Let's "Downscale" Linked Data. In: *IEEE Internet Computing* 18 (2014), Nr. 2, 70–73. http://dx.doi.org/10.1109/MIC.2014.29. – DOI 10.1109/MIC.2014.29. – ISSN 1089–7801

[3] GUÉRET, Christophe ; SCHLOBACH, Stefan ; BOER, Victor D. ; BON, Anna ; AKKERMANS, Hans: Is data sharing the privilege of a few ? Bringing Linked Data to those without the Web. In: *Proceedings of ISWC2011 Outrageous ideas track* (2011), S. 1–4. – *Best paper award*

[4] GUÉRET, Christophe ; GROTH, Paul ; STADLER, Claus ; LEHMANN, Jens: Assessing Linked Data Mappings using Network Measures. In: *Proceedings of ESWC2012*, 2012. – *Nominated for best paper award*

[5] GUÉRET, Christophe ; WANG, Shenghui ; GROTH, Paul ; SCHLOBACH, Stefan: Multi-scale Analysis of the Web Of Data: A Challenge to the Complex System's Community. In: *Advances in Complex Systems* 14 (2011), Nr. 04, 587. http://dx.doi.org/10.1142/S0219525911003153. – DOI 10.1142/S0219525911003153. – ISSN 0219–5259