




ESSENTIAL BIBLIOGRAPHIC

Guide to bibliographic references writing

SHORT VERSION

EPFL

 Bibliothèque

ESSENTIAL BIBLIOGRAPHIC

Guide to bibliographic
references writing


SHORT VERSION

EPFL Library
2021

ABOUT THIS DOCUMENT

Document Version 1.00
Publication Date March 10, 2021

Questions, remarks and feedbacks welcome!

 (see: last page)

You will discover other references in the EPFL Bibliographic References Writing guide (Rational Bibliographic), available here:

<https://go.epfl.ch/guide-bibliographique>



This short version of the Guide to bibliographic references writing is published under CC BY-SA License.

This means that you have the right to:

- > copy, distribute and communicate this document
- > remix, transform and create new documents from this one

on condition that you:

- > credit the document author as indicated below
- > share your work under the same license

Essential Bibliographic: Guide to bibliographic references writing (V1.00)

CC BY-SA March 2021 - EPFL Library

If you want to use this document differently, contact us!

(see: last page)

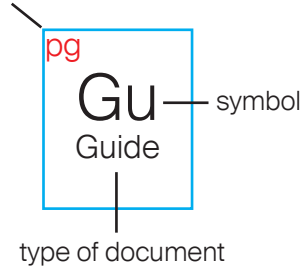
TABLE OF CONTENTS

8	Pr	Preamble
10	Us	Use this guide

12	Bo Book	14	BC Book Chapter		
16	Ja Journal Article	18	Th Thesis	20	Rd Research Data
22	Ea Encyclop. Article	24	Wp Web Page		

Caption:

n° of page



26 Vi Video	28 Re Report	30 St Standard
32 II Illustration	32 Ph Photo	32 Gr Graphic

34 Tt Tips and Tricks	36 CC Credits
--------------------------------	---------------------

PREAMBLE

Why citing your sources

As stated in the *Directive concerning the citing and referencing of sources of information in written work submitted by students* (LEX 1.3.3), “it is important to start from the scientific state of the art. [...] it is normal that a large part of a written work should be based on what others have already created or discovered” (LEX 1.3.3 preamble). However, “if the material originating from elsewhere is not clearly indicated in the work, the student allows the reader to think that it is their personal and original contribution. This amounts to cheating (plagiarism Art. 8).” (LEX 1.3.3 art. 4 al. 3).

In addition to attributing a discovery or statement to its author, the citation has another utility, for the reader this time. It allows him to consult the sources on which you have relied to write your work, but also to go further into the subject covered. **It is therefore essential that the bibliographical references provided allow them to identify each of your sources without ambiguity.**

Metadata VS location information

In order to identify a document, you must provide its **metadata** (title, author, journal name, etc.). The metadata needed to identify a document differs from one type of document to another (book, journal article, thesis, etc.): this guide therefore presents the useful metadata for each type of document.

Also, note that an URL is not a metadata. It does not provide information about the document, but only indicates its **location**. It is useful to indicate it, but not sufficient.

Citation in text

When citing a passage from another document, you must not only highlight that passage, but also include an **in-text citation reference to the bibliography**, which allows the reader to identify the cited document.

The format of the in-text citation depends on the **citation style**. There are almost as many citation styles as there are scientific journals. In addition, there are styles that are not related to any scientific journal. These thousands of styles fall into 4 main categories:

- * *author-date*, where the in-text citation takes the form (author, date);
- * *numeric*, where the in-text citation takes the form of a number (n) or in brackets [n];
- * *note*, where the in-text citation refers to a footnote where the full bibliographic reference of the document is;
- * *label*, where the in-text citation takes the form of a label [Guid15].

References in the bibliography

The citation style also governs the references format in the bibliography. Variations from one style to another may be significant both in terms of formatting (title in italique or

not, author names in capital letters or not, etc.), and in terms of order and the presence of several elements (URL, collection, etc.). **You don't have to learn presentation rules specific to each citation style.** This part of the work can be managed by softwares.

However, make sure that you insert complete (all information is present) and accurate (no typos, nor spelling mistakes) references into the chosen software.

How do you make sure that a reference is complete and correct?
This is the topic of this document.

Bibliographic data management

During your research and reading, avoid rewriting all this information in your word processor or spreadsheet. **Reference management software** allows you to automatically collect, organize and cite bibliographic references. Such software even allows you to share your references for group work.

Among many software available on the market, we recommend Zotero. It is powerful, open and free, guaranteeing better sustainability of your data. LaTeX users may also want to turn to BibTeX.

For further information

This short version guide is based on the Rational Bibliographic, the EPFL complete guide to bibliographic references writing, available at: <https://go.epfl.ch/guide-bibliographique>

EPFL, 2013. *Directive concerning the citing and referencing of sources of information in written work submitted by students* [online]. January 1, 2013. LEX 1.3.3. [Accessed December 18, 2020]. Available at: https://www.epfl.ch/about/overview/wp-content/uploads/2019/09/1.3.3_dir_plagiat_etudiant_an.pdf

citation.epfl.ch (Accessed December 18, 2020)

www.zotero.org (Accessed December 18, 2020)

HOW TO USE THIS GUIDE ?

When you want to use a piece of information in your work and you don't know how to cite it:

- > Read the [table of content](#) (p. 6)
- > Go to the page describing the kind of document you want to cite
- > Read the page
- > Discover which information you need to collect

The following short guide answers some questions like:

- How to cite a piece of work
- How to cite an image (picture, graph)
- Which metadata should be collected to describe the document you want to cite
- When can a reference be considered as complete?

This short version guide can be used with a reference management software like Zotero (www.zotero.org). Make sure you collect all the elements needed to unambiguously identify the document. The software will help you to organize the information according to the chosen citation style.

For each kind of document, a list helping you to identify the essential information to collect for a complete final reference is given. All the references are presented in 4 different citation styles:

ISO-690 International Organization for Standardization

ACS American Chemical Society

DIN Deutsche Institut für Normung

IEEE International of Electrical and Electronics Engineers

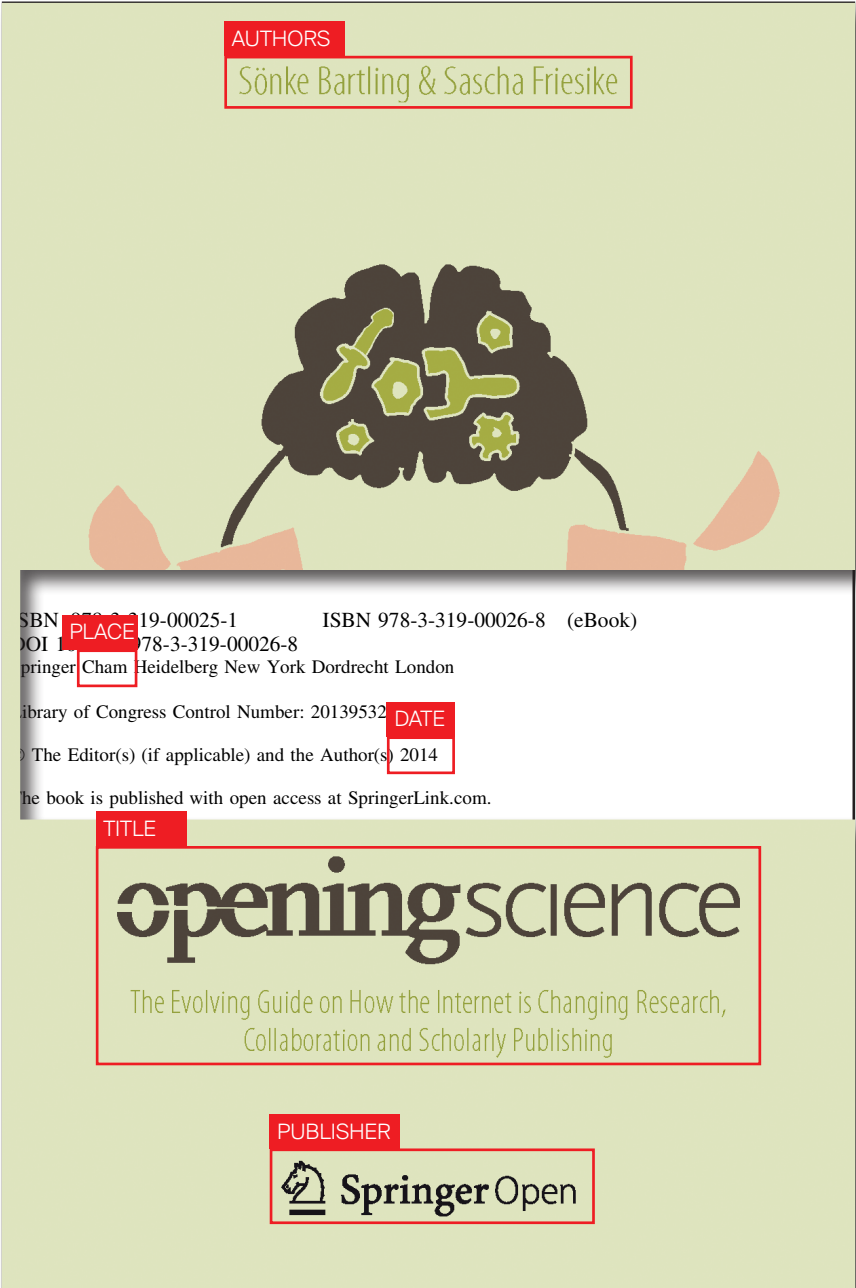
These 4 styles are very different from each other. This allows you to see that a same reference can be shaped in many different ways.

The following examples should also encourage you to use a reference management software rather than handwriting them...

Finally, please note that this short version guide presents text and iconographic resources but not computer code citations.

YOUR TURN!

BOOK



MUST HAVE INFORMATION

Title
Author
Publication place
Publication date
Publisher
Edition (if it is not the first
one)

NICE TO HAVE ADDITIONAL INFORMATION

Abstract
ISBN
Language
Pages number
URL + access date (if online
book)
+
*Any other information that
would help to find the
document*

About the publication location, please refer to [Tips & tricks](#) at the end of this document.

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Book reference could be as follow:

ISO-690

BARTLING, Sönke et FRIESKE, Sascha, 2014. *Opening science: the evolving guide on how the Internet is changing research, collaboration and scholarly publishing* [on line]. Cham: SpringerOpen. [Accessed on October 25, 2019]. ISBN 9783319000251. Available: <http://dx.doi.org/10.1007/978-3-319-00026-8>

ACS

(1) Bartling, S.; Frieske, S. *Opening science: the evolving guide on how the Internet is changing research, collaboration and scholarly publishing*; SpringerOpen: Cham, 2014.

DIN

[BaFr14] Bartling, Sönke; Frieske, Sascha: *Opening science: the evolving guide on how the Internet is changing research, collaboration and scholarly publishing*. Cham: SpringerOpen, 2014 – ISBN 9783319000251

IEEE

[1] S. Bartling and S. Frieske, *Opening science: the evolving guide on how the Internet is changing research, collaboration and scholarly publishing*. Cham: SpringerOpen, 2014. Available: <http://dx.doi.org/10.1007/978-3-319-00026-8>. [Accessed 25-Oct-2019].

BOOK CHAPTER

BOOK CHAPTER

Open Access: A State of the Art

AUTHORS

Dagmar Sitek and Roland Bertelmann

Open Access saves lives.
—Peter Murray-Rust

Abstract Free access to knowledge is a key feature of Science 2.0. Rapid development of new technologies is a fact and is a pathfinder for the enactment of the “Berlin Declaration on the Open Access of the Sciences and Humanities”. Berlin Declaration on the Open Access of the Sciences and Humanities (h

Introduction

The past years have shown that while there are some areas but it is important to have a journal based sciences two are “OA gold” and “OA green” enhance scientific communication for everybody at any

Furthermore, it is necessary to ensure free worldwide access to the Internet. Game players need to re-define the rules of the game to lead to new, seminal solutions.

D. Sitek (✉)
DKFZ German Cancer Research
e-mail: d.sitek@dkfz-heidelberg.de

R. Bertelmann
GFZ German Research Centre for Geosciences, Potsdam, Germany
e-mail: roland.bertelmann@gfz-potsdam.de

S. Bartling and S. Friesike (eds.), *Opening Science*,
DOI: 10.1007/978-3-319-00026-8 9, © The Author(s) 2014



PAGES

139

MUST HAVE INFORMATION

Chapter title
Chapter author(s)
Book title
Book author
Publication date
Pages
Publisher
Publication place
ISBN (of book)

NICE TO HAVE ADDITIONAL INFORMATION

DOI *or*
URL + access date
Edition
Abstract
Language
+
*Any other information that
would help to find the
document*

About the publication location, please refer to [Tips & tricks](#) at the end of this document.

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Book Chapter reference could be as follow:

ISO-690

SITEK, Dagmar et BERTELMANN, Roland, 2014. Open Access: A State of the Art. In: *Opening Science: the evolving guide on how the Internet is changing research, collaboration and scholarly Publishing* [on line]. Cham: Springer. pp. 139-153. [Accessed on October 25, 2019]. ISBN 978-3-319-00025-1, 978-3-319-00026-8. Available: http://link.springer.com/10.1007/978-3-319-00026-8_9

ACS

(1) Sitek, D.; Bertelmann, R. In *Opening Science: the evolving guide on how the Internet is changing research, collaboration and scholarly Publishing*; Bartling, S.; Friesike, S., Eds.; Springer: Cham, 2014; pp. 139-153.

DIN

[SiBe14] Sitek, Dagmar; Bertelmann, Roland: Open Access: A State of the Art. In: Bartling, S.; Friesike, S. (Hrsg.): *Opening Science: the evolving guide on how the Internet is changing research, collaboration and scholarly Publishing*. Cham: Springer, 2014 – ISBN 978-3-319-00025-1, 978-3-319-00026-8, S. 139-153

IEEE

[1] D. Sitek and R. Bertelmann, "Open Access: A State of the Art", in *Opening Science: the evolving guide on how the Internet is changing research, collaboration and scholarly Publishing*, S. Bartling and S. Friesike, Eds. Cham: Springer, 2014, pp. 139-153. Available: http://link.springer.com/10.1007/978-3-319-00026-8_9. [Accessed 25-Oct-2019].



TITRE

Assessing The Spatial Dependence of Adaptive Loci in 43 European and Western Asian Goat Breeds Using AFLP Markers

Licia Colli^{1,2*}, Stéphane Joost^{3,9}, Riccardo Negrini^{1,4}, Letizia Nicoloso⁵, Paola Crepaldi⁵, Paolo Ajmone-Marsan^{1,2}, the ECONOGENE Consortium[†]

AUTHORS

¹ Laboratoire de Génétique Animale, Université Catholique du Sacro Coeur de Piacenza, Piacenza, Italy, ² BioDNA Research Center, Università Cattolica del Sacro Cuore, Piacenza, Piacenza, Italy, ³ Laboratory of Geographic Information Systems (LASIG), School of Architecture, Civil and Environmental Engineering (ENAC), Ecole Polytechnique Fédérale de Lausanne (EPFL), Lausanne, Switzerland, ⁴ Associazione Italiana Allevatori, Roma, Italy, ⁵ Dipartimento di Scienze Veterinarie e Sanità Pubblica, Università degli Studi di Milano, Milano, Italy

Abstract

Background: During the past decades, neutral DNA markers have been extensively employed to study demography, population genetics and structure in livestock, but less interest has been devoted to the evaluation of livestock adaptive potential through the identification of genomic regions likely to be under natural selection.

Methodology/Principal findings: Landscape genomics can greatly benefit the entire livestock system through the identification of genotypes better adapted to specific or extreme environmental conditions. Therefore we analyzed 101 AFLP markers in 43 European and Western Asian goat breeds both with MATSAM software, based on a correlative approach (SAM), and with MCHZA and BAYESCAN, two F_{ST} based software able to detect markers carrying signatures of natural selection. MATSAM identified four loci possibly under natural selection – also confirmed by F_{ST} -outlier methods – and significantly associated with environmental variables such as diurnal temperature range, frequency of precipitation, relative humidity and solar radiation.

Conclusions/Significance: These results show that landscape genomics can provide useful information on the environmental factors affecting the adaptive potential of livestock living in specific climatic conditions. Besides adding conservation value to livestock genetic resources, this knowledge may lead to the development of novel molecular tools useful to preserve the adaptive potential of local breeds during genetic improvement programs, and to increase the adaptability of industrial breeds to changing environments.

DOI

Citation: Colli L, Joost S, Negrini R, Nicoloso L, Crepaldi P, et al. (2014) Assessing The Spatial Dependence of Adaptive Loci in 43 European and Western Asian Goat Breeds Using AFLP Markers. PLoS ONE 9(1): e86668. doi:10.1371/journal.pone.0086668

Editor: Zhanjiang Liu, Auburn University, United States of America

Received: September 10, 2013; **Accepted:** December 12, 2013; **Published:** January 30, 2014

Copyright: © 2014 Colli et al. This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited.

Funding: This work has been supported by the EU ECONOGENE contract QLK5-CT-2001-02461. The content of the publication does not represent necessarily the views of the European Commission or its services. The funders had no role in study design, data collection and analysis, decision to publish, or preparation of the manuscript.

Competing Interests: The authors have declared that no competing interests exist.

* E-mail: licia.colli@unicatt.it

⁹ These authors contributed equally to this work.

[†] Membership of the Econogene Consortium (www.econogene.eu) is provided in the Acknowledgments.

Introduction

Neutral DNA markers have been extensively employed, during the last decades, to infer population genetics parameters, population structure and demographic trends, both in wildlife and livestock species [1–3]. Much scientific interest is now focused on investigating adaptive genetic variation [4–5] and on identifying genomic regions likely to be under selection [6–9]. So far, several methods have been proposed [5–6,10–13]: some are based on candidate gene approaches which test whether or not a specific locus is a true target of selection by means of a number of different statistical methods [14–15]; others are designed to identify chromosomal regions affecting the phenotypes of complex adaptive traits (e.g. disease resistance), by measuring the associ-

ation between different genotypes and the phenotype of interest [16].

The population genomics approach [4] searches for selection signatures by analyzing the variation of genetic diversity parameters along chromosomes, to discriminate between genomic regions under locus-specific (selection) and genome-wide (genetic drift, inbreeding and migration) effects [17]. The major limitation of this approach, however, is that it is blind respect to the causative selection forces. Signatures of selection for adaptive traits can be partially targeted by properly designing the experiment (e.g. contrasting groups of breeds reared in different environmental conditions), but the disentanglement of the effects linked to specific environmental variables remains impossible.

MUST HAVE INFORMATION

Article title
Author(s)
Journal title
Volume
Issue
Pages
Publication date
DOI or URL + access date

NICE TO HAVE ADDITIONAL INFORMATION

Abstract
Language
ISSN
+
*Any other information that
would help to find the
document*

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Journal Article reference could be presented as follow:

ISO-690

COLLI, Licia, JOOST, Stéphane, NEGRINI, Riccardo, NICOLOSO, Letizia, CREPALDI, Paola, AJMONE-MARSAN, Paolo et THE ECONOGENE CONSORTIUM, 2014. Assessing The Spatial Dependence of Adaptive Loci in 43 European and Western Asian Goat Breeds Using AFLP Markers. *PLoS ONE*. January 30, 2014. Vol. 9, n° 1, pp. e86668. DOI 10.1371/journal.pone.0086668.

ACS

(1) Colli, L.; Joost, S.; Negrini, R.; Nicoloso, L.; Crepaldi, P.; Ajmone-Marsan, P.; the ECONOGENE Consortium. *PLoS ONE* **2014**, 9, p. e86668.

DIN

[CJNN14] Colli, Licia; Joost, Stéphane; Negrini, Riccardo; Nicoloso, Letizia; Crepaldi, Paola; Ajmone-Marsan, Paolo; the ECONOGENE Consortium: Assessing The Spatial Dependence of Adaptive Loci in 43 European and Western Asian Goat Breeds Using AFLP Markers. In: Liu, Z. (Hrsg.) *PLoS ONE* Bd. 9 (2014), Nr. 1, S. e86668

IEEE

[1] L. Colli, S. Joost, R. Negrini, L. Nicoloso, P. Crepaldi, P. Ajmone-Marsan, and the ECONOGENE Consortium, "Assessing The Spatial Dependence of Adaptive Loci in 43 European and Western Asian Goat Breeds Using AFLP Markers", *PLoS ONE*, vol. 9, no. 1, p. e86668, Jan. 2014. Available: DOI 10.1371/journal.pone.0086668.

THESIS

TITLE

A PHYTOREMEDIATION APPROACH TO REMOVE PESTICIDES (ATRAZINE AND LINDANE) FROM CONTAMINATED ENVIRONMENT

THÈSE N° 2950 (2004)

PRÉSENTÉE À LA FACULTÉ ENVIRONNEMENT NATUREL, ARCHITECTURAL ET CONSTRUIT

Institut des sciences et technologies de l'environnement

SECTION DES SCIENCES ET INGÉNIERIE DE L'ENVIRONNEMENT

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE

THESIS TYPE

POUR L'OBTENTION DU GRADE DE DOCTEUR ÈS SCIENCES

PAR

Sylvie MARCACCI

AUTHOR

Biologiste diplômée de l'Université de Neuchâtel
de nationalité suisse et originaire de Corsier (GE)

acceptée sur proposition du jury:

Dr J.-P. Schwitzguebel, directeur de thèse
Prof. W. Grajek, rapporteur
Dr A. Gupta, rapporteur
Prof. P. Péringier, rapporteur
Prof. M. Tissut, rapporteur

PLACE

DATE

Lausanne EPFL

2004

DATE

MUST HAVE INFORMATION

Thesis title
Author(s)
Thesis type
University
Place
Publication date

NICE TO HAVE ADDITIONAL INFORMATION

Thesis director
DOI
Abstract
Language
URL + access date
+
*Any other information that
would help to find the
document*

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Thesis reference could be as follow:

ISO-690

MARCACCI, Sylvie, 2004. *A phytoremediation approach to remove pesticides (atrazine and lindane) from contaminated environment* [en ligne]. Doctoral thesis. Lausanne: EPFL. [Accessed on October 25, 2019]. Available: <http://dx.doi.org/10.5075/epfl-thesis-2950>

ACS

(1) Marcacci, S. A phytoremediation approach to remove pesticides (atrazine and lindane) from contaminated environment. Thèse de doctorat, EPFL: Lausanne, 2004.

DIN

[Marc04] Marcacci, Sylvie: *A phytoremediation approach to remove pesticides (atrazine and lindane) from contaminated environment*. Lausanne, EPFL, thèse de doctorat, 2004

IEEE

[1] S. Marcacci, "A phytoremediation approach to remove pesticides (atrazine and lindane) from contaminated environment", thèse de doctorat, EPFL, Lausanne, 2004. Available: <http://dx.doi.org/10.5075/epfl-thesis-2950>. [Accessed 25-Oct-2019].

RESEARCH DATA

DÉPÔT

zenodo

Research. Shared.

Search

Communities

Browse ▾

Upload

Get started ▾

Sign In

Sign Up

TITRE

Dataset

Open access

A Bayesian Approach to Detect Pedestrian Destination-Sequences from WiFi Signatures: Data

Danalet, Antonin

AUTEUR

This dataset contains the data used in:

Danalet, A., Farooq, B. and Bierlaire, M. (2013). A Bayesian Approach to Detect Pedestrian Destination-Sequences from WiFi Signatures. Technical report, Transport and Mobility Laboratory, ENAC, Ecole Polytechnique Fédérale de Lausanne, Lausanne. URL: <http://infoscience.epfl.ch/record/189759> (full text available)

It contains data and a technical report describing

- WiFi traces
- Pedestrian Semantically-Enriched Routing Graph (SERG), and
- Potential Attractivity measure (PAM).

Preview ▾

Data.zip

Data

PAM

SERG

WiFiTraces

dataDescr.pdf

__MACOSX

_Data

Data

394.6 kB

82 Bytes

1

Tweeted by 1

2 readers on Mendeley

See more details

DATE

Publication date:

12 March 2014

DOI

DOI: 10.5281/zenodo.8492

DOI

aces

WiFi traces

Pedestrians

Semantically-Enriched Routing Graph (SERG)

Potential Attractivity Measure (PAM)

Collections:

Communities > Network traces (e.g. WiFi traces, GSM data, Bluetooth traces) for research

Communities > EPFL - Ecole Polytechnique Fédérale de Lausanne

Communities > Pedestrian research data

Communities > Smart Cities in Europe

Communities > DENSITE_URBAINE

Communities > Open Research

Communities > GIS Data

Datasets

Open Access

License (for files):

Creative Commons Attribution Share-Alike

Uploaded by:

antonind

(on 11 March 2014)

MUST HAVE INFORMATION

Title
Author(s)
Publication date
Repository
DOI or URL + access date

NICE TO HAVE ADDITIONAL INFORMATION

Abstract
Language
License
+
Any other information that would help to find the document

The “Research Data” document type is not managed (yet) by many of the reference management software. Use the type “Journal Article”, which allows you to enter all the essential metadata to describe a research data set (particularly a DOI).

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Research Data reference could be as follow:

ISO-690

DANALET, Antonin, 2014. *A Bayesian Approach to Detect Pedestrian Destination-Sequences from WiFi Signatures: Data* [en ligne]. 2014. ZENODO. [Accessed on October 25, 2019]. Available: <http://dx.doi.org/10.5281/zenodo.8492>

ACS

(1) Danalet, A. **ZENODO 2014**.

DIN

[Dana14] DANALET, ANTONIN: A Bayesian Approach to Detect Pedestrian Destination-Sequences from WiFi Signatures: Data. In: *ZENODO* (2014)

IEEE

[1] A. Danalet, “A Bayesian Approach to Detect Pedestrian Destination-Sequences from WiFi Signatures: Data”, ZENODO, 2014. Available: <http://dx.doi.org/10.5281/zenodo.8492>. [Accessed 25-Oct-2019].

ENCYCLOPEDIA ARTICLE

ENCYCLOPEDIA



WIKIPÉDIA
L'encyclopédie libre

Accueil

Portails thématiques

Article au hasard

Contact

Contribuer

Débuter sur Wikipédia

Aide

Communauté

Modifications récentes

Faire un don

Imprimer / exporter

Créer un livre

Télécharger comme PDF

Version imprimable

Outils

Pages liées

Suivi des pages liées

Importer un fichier

Pages spéciales

Adresse de cette version

Information sur la page

Éléments Wikidata

Citer cette page

Autres langues

Afrikaans

العربية

Беларуская

Български

বাংলা

Brezhoneg

Bosanski

Català

Čeština

Dansk

Deutsch

Ελληνικά

English

Esperanto

Créer un compte

Se connecter

Article

Discussion

Lire

Modifier

Modifier le code

Historique

Rechercher

TITLE

Naine blanche

Vous lisez un « article de qualité ».

Ne pas confondre avec Étoile blanche de la séquence principale

Une **naine blanche** est un **objet céleste** de forte densité, issu de l'évolution d'une **étoile** de masse modérée (de 8 à 10 **masses solaires** au maximum¹) après la **phase** où se produisent des **réactions thermonucléaires**. Cet objet a alors une taille très petite comparativement à une étoile, et conserve longtemps une **température** de surface élevée, d'où son nom de « naine blanche ».

Une naine blanche possède typiquement une **masse** inférieure quoique comparable à celle du **Soleil** pour un **volume** similaire à celui de la **Terre**. Sa **densité** est ainsi de l'ordre d'une **tonne** par **centimètre cube**, plusieurs dizaines de milliers de fois plus élevée que celle des matériaux observés sur Terre. Sa température de surface, qui peut dépasser au départ 100 000 **kelvins**, provient de la chaleur emmagasinée par son étoile parente, chaleur dont le **transfert thermique** est très lent du fait de la faible surface de l'astre.² C'est aussi du fait de cette faible surface que, malgré sa température élevée, la **luminosité** d'une naine blanche reste limitée à une valeur de l'ordre d'un millième de **luminosité solaire**, et décroît au cours du temps.

Début 2009, le projet **Research Consortium on Nearby Stars** dénombre huit naines blanches dans les cent systèmes stellaires les plus proches du système solaire³, mais étant donné la rareté des étoiles de grande masse, elles représentent le destin de 96 % des étoiles de notre galaxie⁴.

Du fait de l'évolution de leur étoile parente (dictée par sa masse), les naines blanches existant aujourd'hui sont habituellement composées de **carbone** et d'**oxygène**. Quand l'étoile parente est suffisamment massive (probablement entre 8 et 10 masses solaires), il est possible qu'elle donne naissance à une naine blanche sans carbone, mais comprenant du **néon** et du **magnésium** en plus de l'oxygène⁵. Il est également possible qu'une naine blanche soit principalement composée d'**hélium**^{6,7}, si son étoile parente a été sujette à un transfert de matière dans un **système binaire**. Dans chacun de ces cas, la naine blanche correspond au cœur mis à nu de l'étoile parente, alors que les couches externes de celle-ci ont été expulsées et ont formé une **nébuleuse planétaire**. Il n'existe pas de naines blanches issues d'étoiles de moins d'une demi-masse solaire, car la durée de vie de celles-ci est supérieure à l'**âge de l'univers**. Ces étoiles-là évolueront selon toute vraisemblance en des naines blanches composées d'hélium⁸.

La structure interne d'une naine blanche est déterminée par l'équilibre entre la **gravité** et les forces de **pression**, ici produite par un phénomène de **mécanique quantique** appelé **pression de dégénérescence**. Les calculs indiquent que cet équilibre ne peut subsister pour des astres de plus de 1,4 masse solaire (*M*₀). Il s'agit donc de la masse maximale que peut posséder une naine blanche lors de sa formation ou de son évolution. C'est cette masse maximale qui fixe la masse maximale initiale de 8 masses solaires que peut avoir une étoile pour que celle-ci évolue en naine blanche, la différence entre ces deux valeurs correspondant aux pertes de masse subies par l'étoile lors de son évolution. Une naine blanche isolée est un objet d'une très grande stabilité, qui va simplement se refroidir au cours du temps pour, à très long terme, devenir une **naine noire**. Si par contre une naine blanche possède un compagnon stellaire, elle pourra éventuellement former un système binaire, formant ainsi une **variable cataclysmique**. Elle se manifesterait sous différentes formes, comme une **novae**, une **source super** ou une **novae par** **transfert de masse**.



Sirius B est une naine blanche visible comme un petit point en bas à gauche de Sirius A, beaucoup plus brillante. Si ce système était observé dans le domaine des rayons X, Sirius B apparaîtrait alors plus brillante que son compagnon du fait que sa surface est significativement plus chaude. Photographie prise le 15 octobre 2003 par le télescope spatial Hubble.

DATE

Dernière modification de cette page : 10 janvier 2015 à 12:01.

Droit d'auteur : les textes sont disponibles sous licence Creative Commons paternité partage à l'identique ; d'autres conditions peuvent s'appliquer. Voyez les conditions d'utilisation pour plus de détails, ainsi que les crédits graphiques. En cas de réutilisation des textes de cette page, voyez comment citer les auteurs et mentionner la licence. Wikipédia® est une marque déposée de la Wikimedia Foundation, Inc., organisation de bienfaisance régie par le paragraphe 501(c)(3) du code fiscal des États-Unis.

Politique de confidentialité

À propos de Wikipédia

Avertissements

Développeurs

Version mobile

 WIKIMÉDIA project

 Powered by MediaWiki

URL

http://fr.wikipedia.org/wiki/Naine_blanche&oldid=110759569

22

MUST HAVE INFORMATION

Article title
Author(s) (if applicable)
Encyclopedia title
Publication date
Pages or
URL + access date

NICE TO HAVE ADDITIONAL INFORMATION

Abstract
Language
Volume
(Possibly) access hour
+
*Any other information that
would help to find the
document*

You must always indicate the author's name, if there is one indicated in the article.

However, very often, there is no mention of author(s) in encyclopedia articles.

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Encyclopedia article could be as follow:

ISO-690

Naine blanche, 2015. *Wikipédia* [on line]. [Accessed on October 25, 2019]. Available: http://fr.wikipedia.org/w/index.php?title=Naine_blanche&oldid=110759569

ACS

(1) Naine blanche. *Wikipédia*, 2015.

DIN

[15] Naine blanche. *Wikipédia*.

IEEE

[1] "Naine blanche", *Wikipédia*. 10-Feb-2015. http://fr.wikipedia.org/w/index.php?title=Naine_blanche&oldid=110759569. [Accessed 25-Oct-2019].

WEB PAGE

WEBSITE TITLE

EPFL



AUTHOR

ROBOPOLY

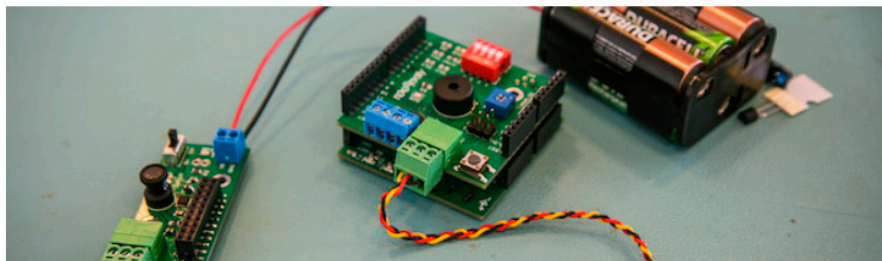
Menu

Partager:



PAGE TITLE

Kit PRisme



Kit PRisme est une base pour construire un robot mobile dans le cadre de l'introduction à la robotique
généralment aux microcontrôleurs.



Le Kit PRisme est basé sur un Arduino Leonardo. Elle contient un microcontrôleur (d'où le PR de 16MHz avec 20 entrées/sorties et 32 kB de mémoire flash. Alimentée de 5V, elle est très polyvalente et peut servir à toutes sortes de projets.

Mentions légales | Accessibilité |

Sitemap |

UPDATE DATE

Dernière mise à jour: 22.02.2019 | © EPFL 2019

→ Connexion

URL

https://robopoly.epfl.ch/prisme-2/

MUST HAVE INFORMATION

Page title
 Author(s)
 Article title
 Web site title
 Last update date
 Pages or
 URL + access date

NICE TO HAVE ADDITIONAL INFORMATION

Abstract
 Language
 +
Any other information that would help to find the document

You can follow the guidelines for the citation of a webpage in order to cite a **tweet** or a **Facebook page**.

Please refer to the examples given on p.52 to see how to mention them.

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Encyclopedia article could be as follow:

ISO-690

ROBOPOLY, 2019. Kit PRisme. EPFL | EPFL [on line]. February 22, 2019. [Accessed on October 25, 2019]. Available : <https://robopoly.epfl.ch/prisme-2/>

ACS

(1) Robopoly. Kit PRisme <https://robopoly.epfl.ch/prisme-2/> (accessed Oct 28, 2019).

DIN

[Robo13] ROBOPOLY: *Kit PRisme*. URL <https://robopoly.epfl.ch/prisme-2/>. - abgerufen am 2019-10-28. – EPFL | École polytechnique fédérale de Lausanne


IEEE

[1] Robopoly, “Kit PRisme”, *EPFL | EPFL*, 22-Feb-2019. [Online]. Available: <https://robopoly.epfl.ch/prisme-2/>. [Accessed 25-Oct-2019].

VIDÉO

YouTube CH

Search



DURATION 2:51 / 50:54

TITLE Open Access, Open Data, Open Science by Martin Vetterli

BIBLIO THEQUE Bibliothèque EPFL

AUTHOR S'abonner 38

DATE Ajoutée le 12 nov. 2014

214 vues

Partager *** Plus

1 0

PLUS

The open-data movement has already reached almost the whole of society. For example, digital content can be used freely (open content), computer programs perused and altered (open source), official data consulted (open government) and educational courses pursued free of charge (open education).

MUST HAVE INFORMATION

Title
Author
Publication date
Length

NICE TO HAVE ADDITIONAL INFORMATION

Abstract
Language
Place
Studio
URL + access date
+
*Any other information that
would help to find the
document*

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Video reference could be as follow:

ISO-690

EPFL Library, 2014. *Open Access, Open Data, Open Science by Martin Vetterli* [on line]. Lausanne, 12 novembre 2014. [Accessed on October 26, 2019]. Available: <https://www.youtube.com/watch?v=d7ITzU8kEmc>

ACS

(1) EPFL Library. *Open Access, Open Data, Open Science by Martin Vetterli*; Lausanne, 2014.

DIN

[Bibl14] EPFL Library: *Open Access, Open Data, Open Science by Martin Vetterli*. 50'54". Lausanne, 2014

IEEE

[1]Bibliothèque de l'EPFL, *Open Access, Open Data, Open Science by Martin Vetterli*. Lausanne, 2014. Available: <https://www.youtube.com/watch?v=d7ITzU8kEmc>. [Accessed 28-Oct-2019].

REPORT



00

Statistical basis and overviews

1790-1700

TITLE

Swiss Federal Statistical Office Data Innovation Strategy

Purpose, strategic objectives
and implementation steps



Schweizerische Eidgenossenschaft
Confédération suisse
Confederazione Svizzera
Confederaziun svizra

Swiss Confederation

Federal Department of Home Affairs FDHA
Federal Statistical Office FSO

INSTITUTION
AUTHOR

DATE

Neuchâtel 2017

<https://www.bfs.admin.ch/asset/en/1790-1700>

URL

MUST HAVE INFORMATION

Title
Author
Publication date
Institution
Publisher
URL + access date

NICE TO HAVE ADDITIONAL INFORMATION

Abstract
Language
Pages
+
Any other information that would help to find the document

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Report reference could be as follow:

ISO-690

Federal Statistical Office, 2017. *Swiss Federal Statistical Office Data Innovation Strategy: purpose, strategic objectives and implementation steps* [on line]. Federal Statistical Office. Neuchâtel: Bertrand Loison, FSO, Diego Kuonen, Statoo Consulting [Accessed on December 18, 2020]. Available: <https://www.bfs.admin.ch/asset/en/1790-1700>

ACS

(1) Federal Statistical Office. *Swiss Federal Statistical Office Data Innovation Strategy: purpose, strategic objectives and implementation steps*; Federal Statistical Office; Bertrand Loison, FSO, Diego Kuonen, Statoo Consulting; Neuchâtel, 2017; p.14.

DIN

[Fede17] FEDERAL STATISTICAL OFFICE: *Swiss Federal Statistical Office Data Innovation Strategy: purpose, strategic objectives and implementation steps* (Federal Statistical Office). Neuchâtel: Federal Statistical Office; Bertrand Loison, FSO, Diego Kuonen, Statoo Consulting, 2017

IEEE

[1] Federal Statistical Office, "Swiss Federal Statistical Office Data Innovation Strategy: purpose, strategic objectives and implementation steps", Federal Statistical Office, Neuchâtel, Federal Statistical Office; Bertrand Loison, FSO, Diego Kuonen, Statoo Consulting, 2017. Available: <https://www.bfs.admin.ch/asset/en/1790-1700>. [Accessed 18-December-2020].

INTERNATIONAL STANDARD

NUMBER

**ISO/IEC
18004**

DATE

Second edition
2006-09-01

TITLE

**Information technology — Automatic
identification and data capture
techniques — QR Code 2005 bar code
symbology specification**

*Technologies de l'information — Techniques d'identification
automatique et de capture des données — Spécification de la
symbologie de code à barres QR Code 2005*

ORGANIZATION



Reference number
ISO/IEC 18004:2006(E)

© ISO/IEC 2006

MUST HAVE INFORMATION

Issuing organization
Title
Standard number
Publication date

NICE TO HAVE ADDITIONAL INFORMATION

Publisher
Language
URL + access date
+
*Any other information that
would help to find the
document*

If the “Standard” type of document doesn’t exist in your reference management software, use the “Report” type. This type allows you to enter all the essential metadata to describe a standard.

What matters is the reference completeness. The shaping of the reference depends on the chosen citation style. This Report reference could be as follow:

ISO-690

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION, 2006. ISO/IEC 18004: *Information technology - Automatic identification and data capture techniques - QR code 2005 bar code symbology specification*.

ACS

(1) International Organization for Standardization. *Information technology - Automatic identification and data capture techniques - QR code 2005 bar code symbology specification*; ISO/IEC 18004; 2006.

DIN

[Inte06] INTERNATIONAL ORGANIZATION FOR STANDARDIZATION: *Information technology - Automatic identification and data capture techniques - QR code 2005 bar code symbology specification* (Nr. ISO/IEC 18004), 2006

IEEE

[1] International Organization for Standardization, “Information technology - Automatic identification and data capture techniques - QR code 2005 bar code symbology specification”, ISO/IEC 18004, Sep. 2006.

ILLUSTRATION

flickr


S'inscrire

Explorer


Créer

Importer

S'identifier



Retour à search



AUTHOR

speredenn

Rolex Learning Center, from the EPFL roofs

TITLE

944-0699)

511

vues


2

favoris

3

commentaires

Prise le 3 mai 2011



Certains droits réservés

LICENCE

URL

<https://flic.kr/p/9GCSmt>

Caption:

Rolex Learning Center, from the EPFL roofs

CC BY speredenn (pseudonym)

<https://flic.kr/p/9GCSmt> (Accessed on October 28, 2019)

MUST HAVE INFORMATION

Title
Author
Licence (© or CC)
Source or
url + access date

NICE TO HAVE ADDITIONAL INFORMATION

Date
Mention: *reproduced with
kind permission of the author*

The rule is the same for any type of illustration: photography, graphics, etc.

If the work you are writing is intended for publication, in addition to citing the source, you must obtain the author's explicit permission to use their image.

If you choose an image licensed under Creative Commons, you already have permission. See the conditions set by the author.

For more information about Creative Commons licenses, visit: <https://creativecommons.org/licenses/>

If you are using a copyrighted image and you have obtained the author's permission, mention it!

Today was a foggy day

© Mathilde Panes

[instagram.com/p/BqGEF4DhqIQ/](https://www.instagram.com/p/BqGEF4DhqIQ/)

(Accessed on October 28, 2019)

[reproduced with kind permission of the author]

If you found the illustration in a document and not on the web, mention the source instead of the URL.

The robotic box "Ranger" aims to motivate children to tidy up their toys on the floor

© Julia Fink

source: (Fink, 2014, p.149) [reproduced with kind permission of the author]

In the bibliography:

FINK, Julia, 2014. *Dynamics of Human-Robot Interaction in Domestic Environments* [on line]. Lausanne: EPFL. [Accessed on October 28, 2019]. p.140

Available: <http://infoscience.epfl.ch/record/200892>

TIPS & TRICKS

Author(s)

Authors can be natural persons or legal entities. In the case of a textual document (book, book chapter, article, etc.), the author is often the person who wrote the document. Sometimes, the author is the one who coordinated the writing of the various chapters of a book: the scientific publisher (not to be confused with the publisher, who publishes the document). In addition, in the case of multimedia documents, the author may also be the one who wrote the script, produced the document, etc.

The number of authors can vary from zero (anonymous publication) to x (infinite). In any case, save the names of all authors in your bibliographic reference manager. Citations may look different depending on the used citation style. Some citation styles require that they all appear in the reference, while others limit them to one, two, or three. Delete all titles (e.g. Dr.) and degree mentions (e.g. PhD) of the authors.

Title

The title is the most essential element of a publication. It is fundamental to identify the document. When you cite a book chapter or a scientific article, you must indicate the title of the chapter or the article, as well as the title of the book or the journal. However, the title of the article is not always indicated. In some citation styles, other kind of metadata (journal's title, year, volume, number, page numbers) are given to distinguish the document.

Unique identifiers

There are several unique identifiers that allow to distinguish and consequently retrieve a document in an unambiguous way. For instance, we can mention unique identifiers like ISBN (International Standard Book Number) used for books, DOI (Digital Object Identifier) used for online publications such as scientific articles, theses and others, PMID (PubMed ID) for publications listed in the biomedical bibliographic database PubMed, or arXiv Identifier for documents (mostly scientific articles) stored on the open-access archive of Cornell University.

Mentioning the Unique identifier can be very useful to locate the right document. However, it must be cited together with other key elements. This gives the final reader the possibility to use other metadata to locate the source in case of mistake in the unique identifier.

Printed or online version

A large number of documents exist in both printed and electronic version. The

references are identical in both cases, except for the URL and the consultation date which must be added if you accessed the online version.

URL

The URL is not a metadata but a location data. It can't therefore be used alone in a reference (even with the consultation date). In case of any URL mistake, or any change in the website structure, the page becomes inaccessible.

However, the URL is useful as it allows the reader to access the document easily.

If the URL inserted in the references are particularly long, don't hesitate to use an URL shortener like go.epfl.ch. Be aware that shortening the link leads to a loss of useful information like the website domain: it will be replaced by the domain of the URL shortening service you used.

Consultation date

The consultation date is particularly important for online resources like websites. Your piece of work may be read in several years. So the access date will indicate that, at the time of writing, the page existed even if it has disappeared or been moved since.

Please note that some citation styles do not include this element in the reference.

Publication place

When a document has multiple places of publication, like illustrated in p.12 and p.14, use the first place named in your reference.

Annotations

Reference management software allow you to add comments to the references. You can for example create an annotated bibliography, i.e. a bibliography with a comment or appreciation for each reference. There are, however, few citation styles providing this option. One of these is the ISO-690 standard.

CREDITS

The cover is inspired by the National Geographic Traveler guide. The EPFL Library has the right to distribute the two photographs in this guide (cover and back cover).

The icons on p.5 and the last page (contact) have been published under CC BY license by Freepik on the site [flaticon.com](https://www.flaticon.com)

Megaphone side view

https://www.flaticon.com/free-icon/megaphone-side-view_67050

Black black closed envelope shape

https://www.flaticon.com/free-icon/black-back-closed-envelope-shape_37572

Laptop

https://www.flaticon.com/premium-icon/laptop_60912

Facebook logo

https://www.flaticon.com/free-icon/facebook-logo_37409

Youtube rounded square logo

https://www.flaticon.com/free-icon/youtube-rounded-square-logo_37976

Twitter logo silhouette

https://www.flaticon.com/fr/icone-gratuite/twitter_124021

All the illustrations used on the left pages of this document are published under the following CC licenses:

p.12 book published by Springer (CC BY-NC - Sönke Bartling and Sascha Friesike)

p.14 book published by Springer (CC BY-NC - Dagmar Sitek and Roland Bertelmann)

p.16 article published in PloS ONE (CC BY - authors [cf. p.17](#))

p.20 research data published on Zenodo (CC BY-SA - Antonin Danalet)

p.28 Front page of the Swiss Federal Statistical Office Data Innovation Strategy [EN] (Reproduction with mention of source authorised (except for commercial purposes)), Concept: Netthoevel & Gaberthüel, Biel; Photograph: © vinnstock – Fotolia.com

p.32 picture of the Rolex Learning Center building by night (CC BY - Jean-Baptiste Carré)



Got a question? Contact the Library team!

+41 21 693 21 56

library@epfl.ch

go.epfl.ch/bibliotheque

Telephone and email service: 9am-noon, 2-5pm, Monday-Friday

Got a question on citation?

Need help to find documents?

Make an appointment with a librarian directly on

go.epfl.ch/bookalibrarian

Access to the building: 7am-midnight, 7/7

Desk services: 8am-8pm, Mon-Fri

Suscribe to **@EPFLlibrary**

