

Collaborative Writing and Publishing

Why 2 million+ users write articles with Overleaf

EIFL Webinar, September 27th 2018

John Hammersley

Cofounder and CEO, Overleaf

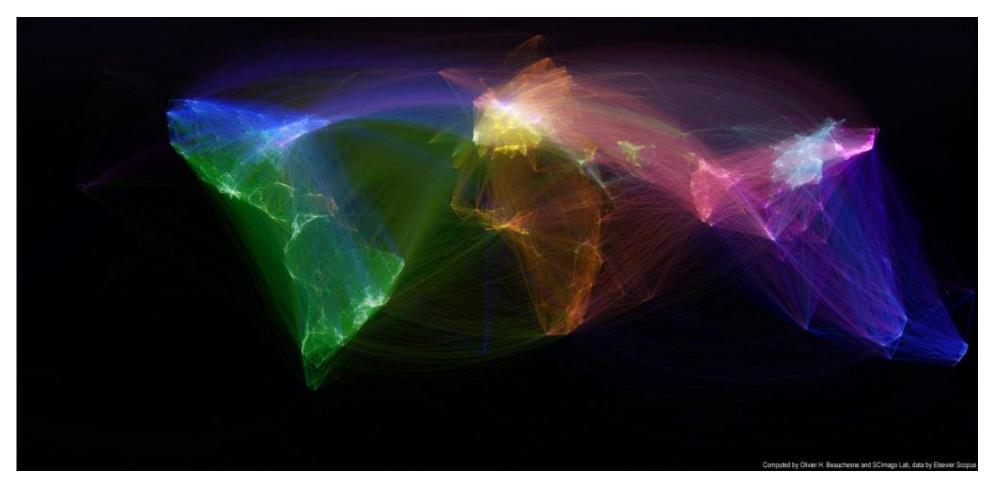
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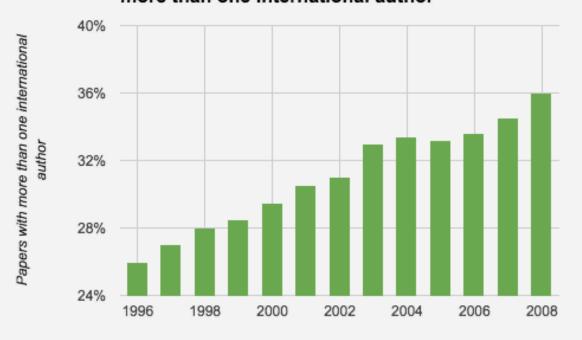
Global scientific collaboration is increasing...



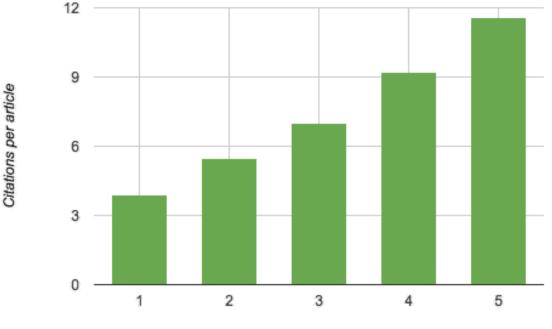
Collaboration networks between researchers in different cities (built using Scopus data on papers published between 2008 and 2012)

Source: <u>http://olihb.com/2014/08/11/map-of-scientific-collaboration-redux/</u>

Collaborative projects are more widely cited in follow up research...



Proportion of the world's papers produced with more than one international author Citations per article versus number of collaborating countries



Number of collaborating countries



Source: Knowledge, networks and nations.

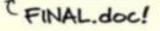
Global scientific collaboration in the 21st century - The Royal Society - 2011

But collaboration can be frustrating...

- Multiple versions of the same document
- Long email chains
- Formatting & typesetting
- Maintaining references
- Long revision cycles

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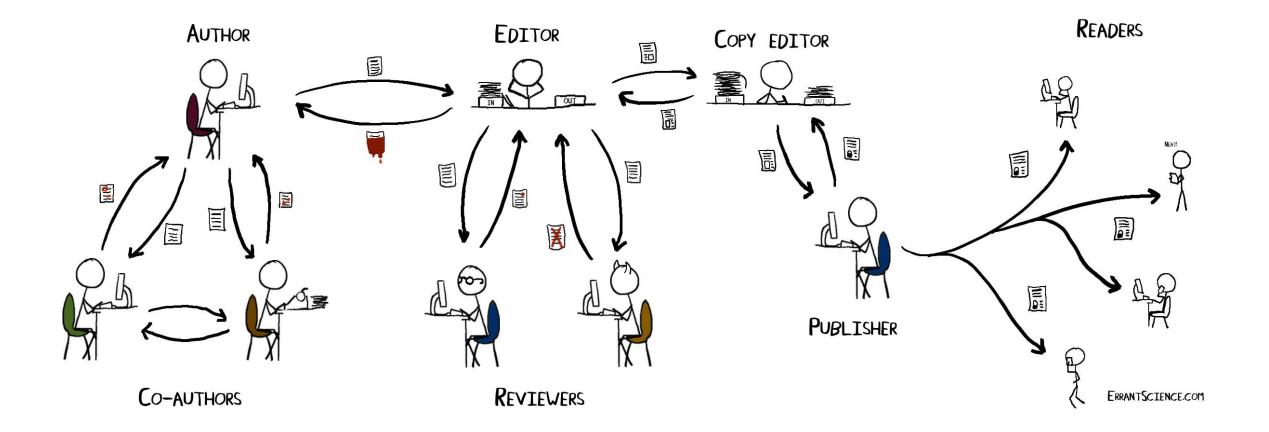
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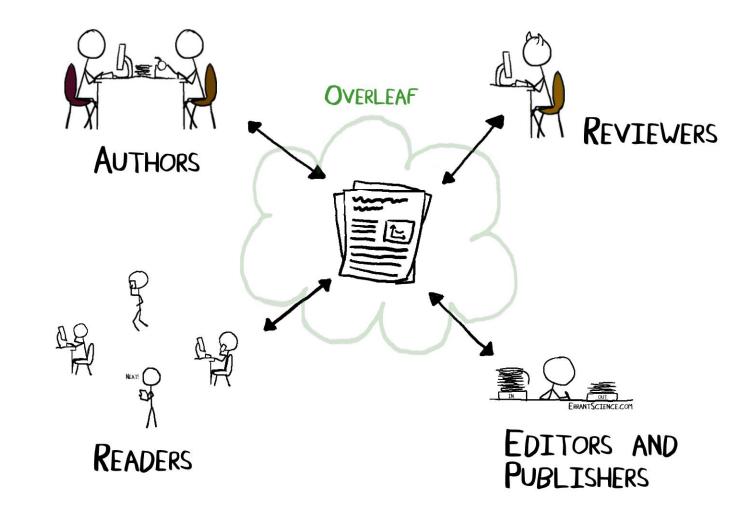


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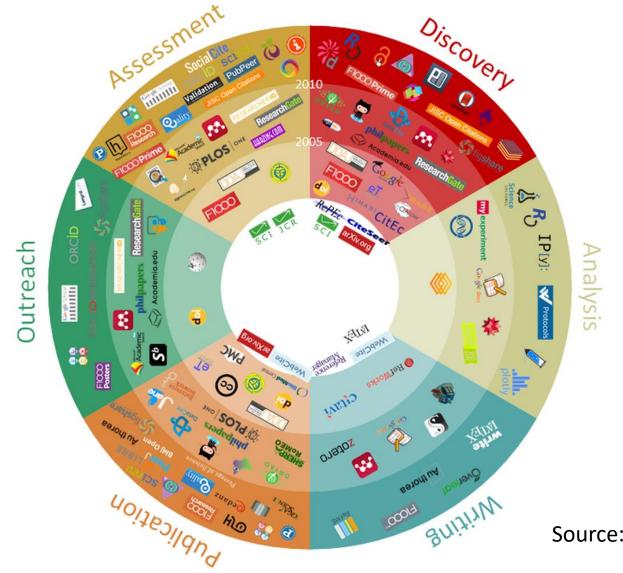
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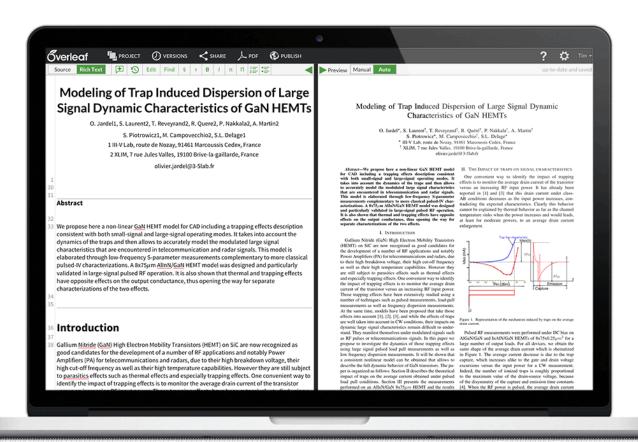
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A collaborative cloud-based writing platform

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Template for preparing your su...

Your Abstract

Rich Text

- In addition to the guidelines provided in the example abstract above, your abstract should:
- provide a synopsis of the entire article;
- begin with the broad context of the study, followed by specific background for the study;
- describe the purpose, methods and procedures, core findings and results, and conclusions of the study;
- emphasize new or important aspects of the research;
- engage the broad readership of GENETICS and be understandable to a diverse audience (avoid using jargon);
- be a single paragraph of less than 250 words;
- contain the full name of the organism studied;
- NOT contain citations or abbreviations.

Introduction

- For the introduction, authors should be mindful of the broad readership of the journal. The introduction should set the stage for the importance of the work to a generalist reader and draw the reader in to the specific study. The scope and impact of the work should be clearly stated.
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Template for preparing your submission to GENETICS using Overleaf

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Author One*,1, Author Two^{†,1}, Author Three^{‡,2}, Author Four[§] and Author Five**,2,3 *Author one affiliation, *Author two affiliation, *Author three affiliation, *Author four affiliation, **Author five affiliation

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GENETICS | INVESTIGATION

Chat

ABSTRACT The abstract should be written for people who may not read the entire paper, so it must stand on its own. The impression it makes usually determines whether the reader will go on to read the article, so the abstract must be engaging, clear, and concise. In addition, the abstract may be the only part of the article that is indexed in databases, so it must accurately reflect the content of the article. A well-written abstract is the most effective way to reach intended readers, leading to more robust search, retrieval, and usage of the article.

Please see additional guidelines notes on preparing your abstract below.

KEYWORDS Keyword; Keyword2; Keyword3; .

This Genetics journal template is provided to help you write your work in the correct journal format. Instructions for use are provided below.

Ab Review

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Guide to using this template in Overleaf

This template is provided to help you prepare your article for submission to the Genetics.

Author Affiliations

For the authors' names, indicate different affiliations with the symbols: *, †, ‡, §. After four authors, the symbols double, triple, quadruple, and so forth as required.

Your Abstract

In addition to the guidelines provided in the example abstract above, your abstract should:

· provide a synopsis of the entire article; · begin with the broad context of the study, followed by specific background for the study;

doi: 10.1534/genetics.XXX.XXXXXX Manuscript compiled: Thursday 27th September, 2018 These authors contributed equally to this work. ²These authors contributed equally to this work. ³Corresponding author: Please insert the affiliation correspondence address and email for the corresponding author. The corresponding author should be marked with the relevant number in the author list, as shown in the example

- · describe the purpose, methods and procedures, core findings and results, and conclusions of the study;
- · emphasize new or important aspects of the research;
- · engage the broad readership of GENETICS and be understandable to a diverse audience (avoid using jargon);
- be a single paragraph of less than 250 words; contain the full name of the organism studied;
- NOT contain citations or abbreviations.

Introduction

For the introduction, authors should be mindful of the broad readership of the journal. The introduction should set the stage for the importance of the work to a generalist reader and draw the reader in to the specific study. The scope and impact of the work should be clearly stated.

In individual organisms where a mutant is being studied, the rationale for the study of that mutant must be clear to a geneticist not studying that particular organism. Similarly, study of particular phenotypes should be justified broadly and not on the basis of interest for that organism alone. General background on the importance of the genetic pathway and/or phenotype should be provided in a single, well-reasoned paragraph near the beginning of the introduction Authors are encouraged to:

- · cite the supporting literature completely rather than select a subset of citations:
- · provide important background citations, including relevant review papers (to help orient the non-specialist reader); to cite similar work in other organisms.

Genetics



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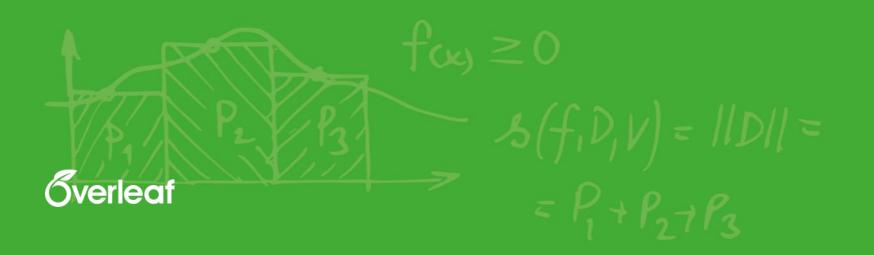
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California Institute of Technology (Caltech) on Overleaf

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Overview

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Example: Overleaf at Stanford University

— 450% increase in usage in the first year the institutional solution was adopted
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"Overleaf has been a huge success at Stanford.

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Helen Josephine Head of the Terman Engineering Library, Stanford



'Ease of use' featured highly in feedback

In a survey conducted of the trial participants, 86% of respondents said they were **very** or **extremely happy** with the service and didn't want the trial to end.

- *"I use it in my research daily as does my entire lab. It's great!"*
- *"I'm using it exclusively for my research papers and dissertations. My advisor actually collaborates on the writing, which was not possible without this straightforward service."*
- *"It's an incredibly useful tool for facilitating collaboration with one's peers."*
- *"It makes writing professional assignments and projects super easy, and having it online and accessible from any device makes it convenient* as well"
- "It's been **really useful** for me since I can use LaTeX on the PCs anywhere on campus."



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Lilliput University — Administrator Hub 🖶



Collaboration

External collaboration

Number of users at other institutions that have collaborated with Lilliput University the most, in the past week

- University College London, University of London
- Stanford University
- Lawrence Berkeley National Laboratory
- King's College London, University of London
- Consejo Superior de Investigaciones Científicas (CSIC)
- Brown University
- University of Oxford
- University of Cambridge
- 100 other universities



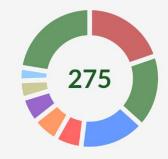
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Repartition

Departments

Number of users in different Lilliput University departments

Computing
Computer Science
Physics
Bioengineering
Mathematics
Electrical Engineering
Mechanical Engineering
Aeronautics & Astronautics



Repartition

Other

Roles

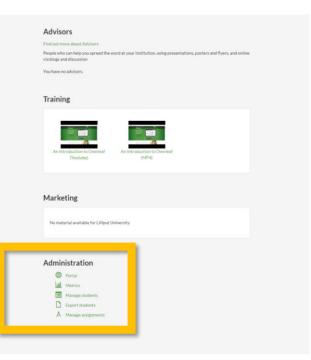
Number of users in different Lilliput University roles

- Undergraduate Student
 Doctoral Student (PhD, EngD, ...)
- Masters Student (MSc, MA, ...)
- Postdoc
- Student
- Research Associate
- Professor
- Lecturer
- Other

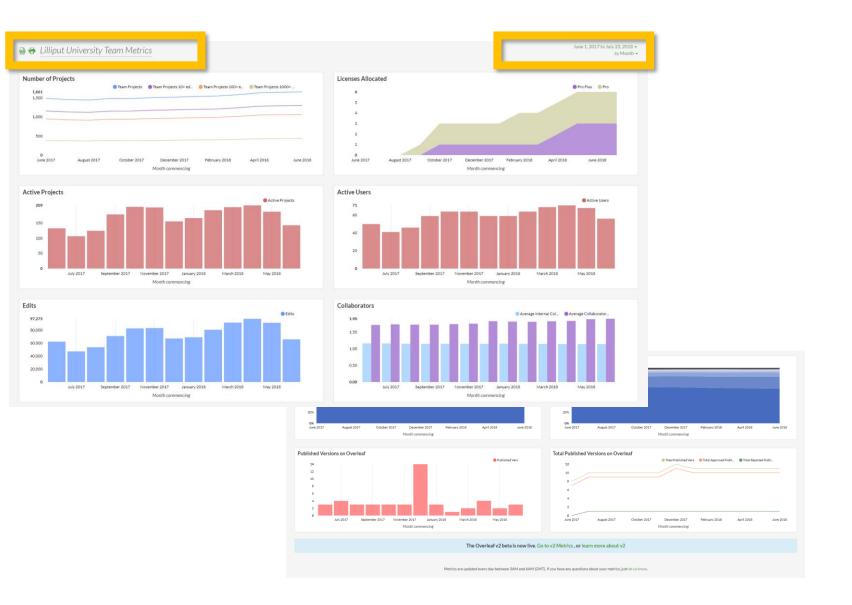


Administrators can view an admin hub with links to additional metrics

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Distribution				
Advisors	Recent activity			
Training	Vesterday	Last Week	Last Month	
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stration		48	143 projects	
	Recent activity in v2 (service)			
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Metrics show the patterns in use of Overleaf over time



Administrators also receive a monthly digest email with key statistics

Metrics report for Lilliput University on Overleaf

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Dear John Hammersley,

Here's your monthly summary of Lilliput University usage on Overleaf.

October saw **415** users signing up. Signups include **65** Doctoral Students (PhD, EngD, ...), **58** Masters Students (MSc, MA, ...), and **35** Undergraduate Students. They're from **45** departments, including **Computer Science**, **Electrical Engineering**, and **Mechanical Engineering**.

1.38 Thousand users made 2.27 Million edits on 4.97 Thousand projects.

4 versions were published.

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Madeline Saviano

Stanford University

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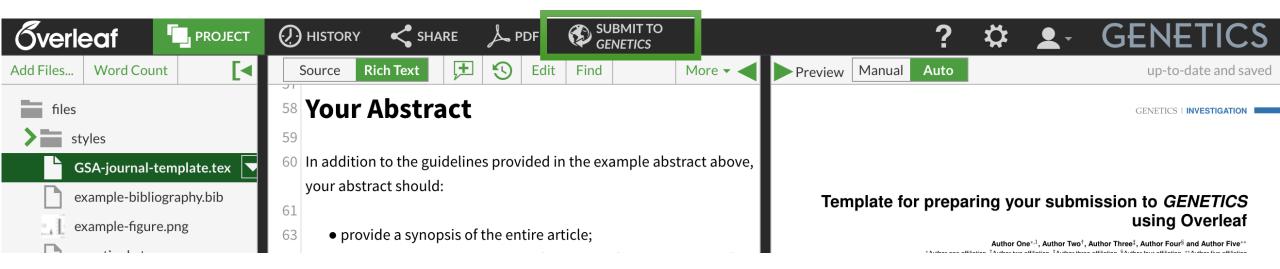
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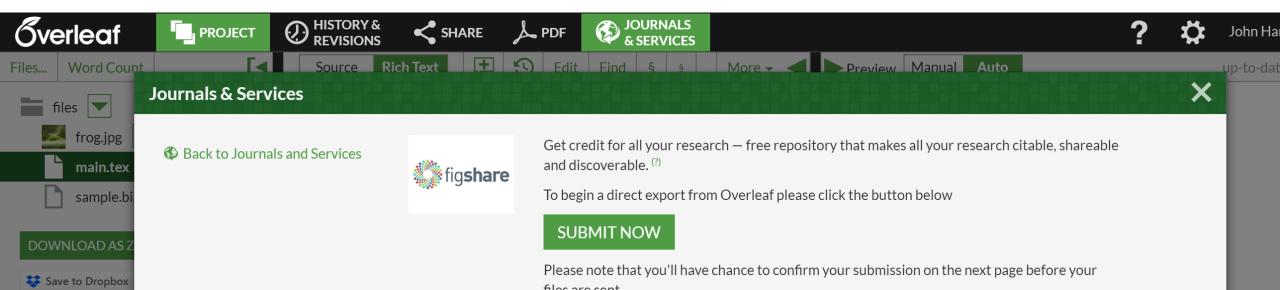
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For Reviewers

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