

Today's Webinar will start at 3.00 pm (Singapore time, GMT+8)...

Open Research, Your Research Career & Cambridge Elements

*Speaker: **Joe Ng**, Acquisitions Editor, Social Sciences, Cambridge University Press*

*Please **mute your microphone** when the host is speaking.*

The slides will be circulated afterwards.

Thank you for your cooperation!



Part of **Academic Publishing Webinar Series**
Find out more <http://ow.ly/M2o950zsAQR>



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Topics

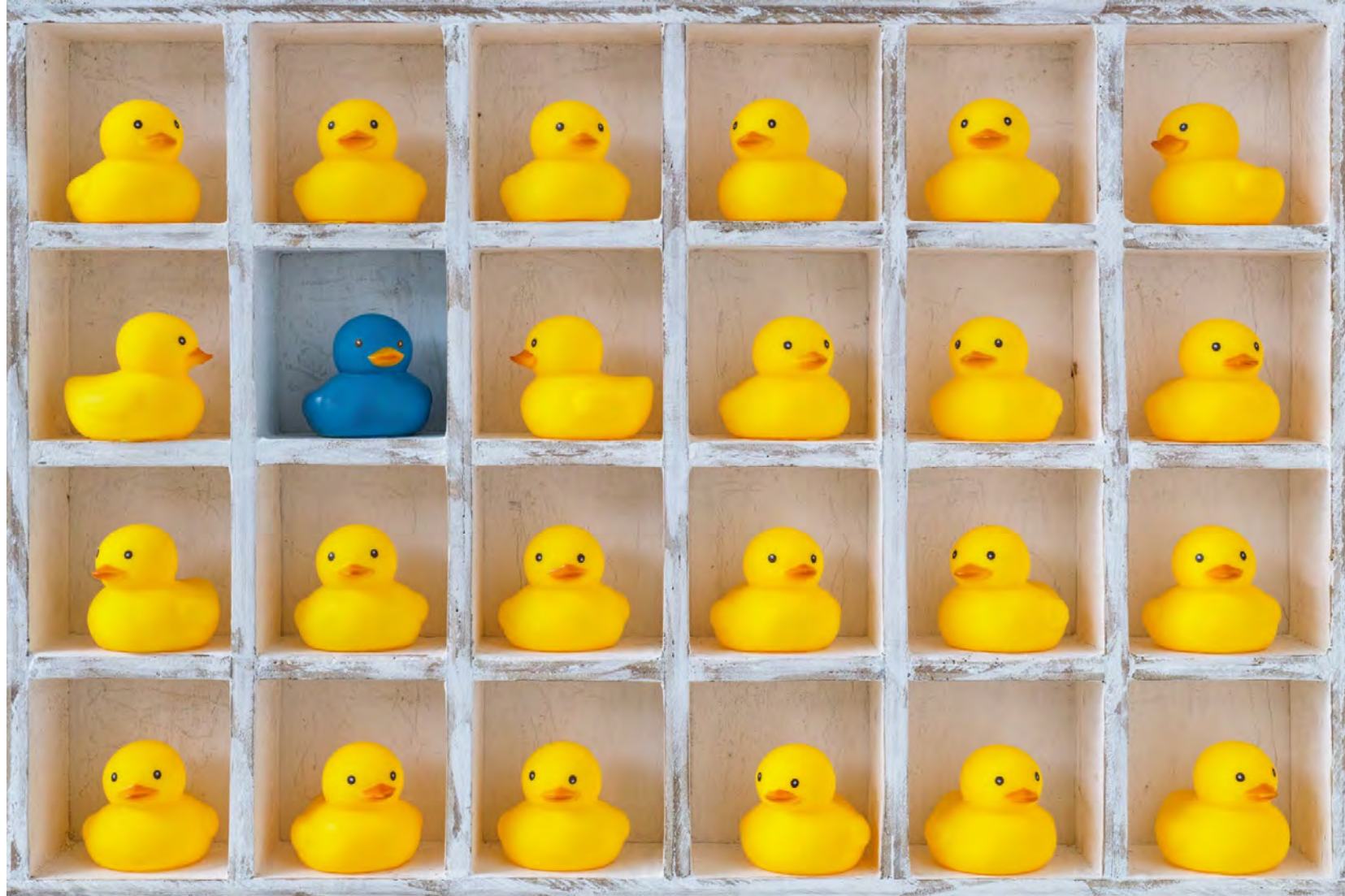
- RECAP: Academic publishing landscape and the Press
- Open Research
- Preprints
- Read and Publish *or* Publish and Read
- Plan your career as a researcher
- Promote your journal articles and books
- Cambridge Elements: an introduction
- Author resources
- Quiz and Q&A

THE PUBLISHING LANDSCAPE

Academic Publishing Landscape

- Over **33,000** journals (excluding 9,400 non-English journals)
- More than **3 million** articles published each year
- More than **200,000** new books each year
- STM: \$25 billion, HSS: \$2.4 billion (annually)
- Many publishers (some small, some large)

Your Challenge!



Cambridge University Press

- An integral part of the University of Cambridge
- World's oldest publisher, founded in **1534**
- Our first book was published in 1584
- Now looking forward to future with big investment in digital publishing



Our Mission and Character

- Not-for-profit

All surplus reinvested in our publishing infrastructure, services and the University – distinguishing us from commercial presses

- Global

We work with the best scholars and the best universities around the world – employing our offices on 6 continents

- Quality

Our commitment to research of the highest quality is fundamental to our being – unlike our commercial counterparts.

OPEN RESEARCH

What is Open Research?

- Refers to all practices that promote openness, integrity, and reproducibility in research
- Faster and transparent publication processes, including open access
- Include research outputs such as journal articles, data and code.
- Open Research refers to all practices that Open Science practices (e.g., data sharing, study pre-registration, open access journals).

What's Open Research?

1. publishing in **OA journals**
2. share your **data** (to support validation and facilitate reuse, or provide details on how other researchers can request authorised access)
3. share your **code** (that are used for analytical and visualisation)
4. share your **workflows** (i.e., steps taken to capture, process, and analyse the data)("Reproducibility Crisis") - allow others to validate published findings

What's Open Science?

Open Science (OS) is “the practice of science in such a way that others can collaborate and contribute, where research data, lab notes and other research processes are freely available, under terms that enable reuse, redistribution and reproduction of the research and its underlying data and methods.” (Foster Open Science)

Four Pillars of Open Science

- Data (ensure datasets also have DOIs, hosted on public repositories, and appropriately licensed [CC] for public usage) data sharing needs to take these into consideration:
 - commercial/personal sensitivities, data protection, ethics, privacy, managing and sharing)
- Code (use open source standards, stored on Github or elsewhere for easy access)
 - what's the license used for the code? CC or GNU
- Papers (OA Journals)
- Reviews (Open peer review)

How to Open Up Your Research?

I. **Planning** (re3data.org - registry of research data projects)

- I. provides access to repositories across a very wide range of subjects.
- II. > 600 repositories listed for HSS > 1000 for the Life Sciences

II. **Active** (share methodologies/early research on preprints; pre-register your study on OSF Registries)

- I. <https://help.osf.io/hc/en-us/articles/360021390833-Preregistration>

III. **End** (publish in OA journal or deposit in OA repository)

- I. Link your paper, datasets using your ORCID.
- II. Write a lay summary to make your research accessible to journalists and scientists from other domains.

Source: Foster Open Science

Open Data

- How FAIR is your research data?
- FAIR data are those that are **F**indable, **A**ccessible, **I**nteroperable and **R**eusable.

Data Repositories

- Dryad (non-profit membership organization)
- Mendeley Data (owned by Elsevier)
- Figshare (owned by Digital Science)
- Zenodo (EU government program OpenAIRE, hosted by CERN)
- GitHub

Joint Declaration of Data Citation Principles

Martone M. (ed.) San Diego CA: FORCE11; 2014 <https://doi.org/10.25490/a97f-egyk>
(<https://doi.org/10.25490/a97f-egyk>)

1. Importance
2. Credit and Attribution
3. Evidence
4. Unique Identification
5. Access
6. Persistence
7. Specificity and Verifiability
8. Interoperability and Flexibility

Open peer review

- Why?
 - full transparency about decision-making
 - mitigate issues that contribute to editorial bias
 - enable reviewers to collect their contributions as part of their academic record
- How?
 - Authors will know who has reviewed their submission
 - Accepted manuscripts will be published with their review reports
 - Reports will include the reviewer name, their ORCID, and be assigned an individual DOI.
- Reviewers and authors should not contact each other directly
- Communication should be done through the Journal's editorial officer

What is Cambridge doing in Open Research?

- Transform our OA journal program to **100% fully OA**.
- Provide authors with an easy way to publish their research OA through **Read and Publish (R&P) agreements**.
- Launched our own open research platform, **Cambridge Open Engage**,
- Built a social sharing service, **Cambridge Core Share** to share journal articles widely and responsibly.
- Develop **sustainable and transparent open policies** to ensure all our stakeholders have the information and support they need to continue producing and re-using world-leading research.
- Work with our journals to **encourage and support authors** in sharing data, code, and other materials that underpin the research they publish.

Open peer review @ Cambridge



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ISSN: 2632-8828 (Online)

www.cambridge.org/core/journals/quantitative-plant-biology

<https://mc.manuscriptcentral.com/qpb>



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PREPRINTS

What's a preprint?

- e-prints
- postprints
- conference papers
- working papers, reports
- white papers
- author accepted manuscripts (AAM)
- literature reviews
- book chapters
- slide decks
- Source codes
- Posters
- Data sets

All *have not* undergone peer review.

They *are not* published in a journal.

History of preprint servers

- first embraced in physical sciences
- early 1990s of arXiv.org - an open online repository for scholarly papers
- In 2013, similar preprint servers started for the biological sciences (bioRxiv) and then medical sciences (medRxiv)

Preprints – the numbers

- arXiv (est. 1991) includes 1,332,986 papers
- RePEc (est. 1996) includes 799,615 papers
- SportRxiv (est. 2017) includes 193
- MindRxiv (est. 2017) includes 194
- NutriXiv (est. 2017) includes 67

Benefits (and cons) of preprints

- Share your work quickly
- Encourage collaboration among colleagues in your field
- Discover early and non-traditional OA research
- Get analytics on early research outputs (Pubpeer)
- Build audience for research before formal publication
- However, with the covid-19 pandemic, there has been an explosion of preprints posted online (and some had serious issues).

Subject preprint servers

- arXiv - physics, mathematics, and computer science
- TechRxiv (IEEE) – electrical engineering, computer science, and related technology
- bioRxiv – biological sciences
- ChemRxiv (ACS) – chemical sciences
- SSRN (Elsevier) – social sciences
- APSA Preprints – political science and related disciplines (APSA partners Cambridge University Press)

National and Regional Preprint Services

- AfricArxiv launched in 2018 to improve the visibility of African science.
 - Hosted on Open Science Framework.
- IndiaRxiv established in 2019
 - recent collaboration with CABI to target mainly agriculture and allied sciences.

Preprint servers by publishers

Research Square

- a journal-integrated preprint service in partnership with Springer Nature
- recently accepting multidisciplinary preprint submissions

F1000 Research

- acquired by Taylor & Francis in Jan 2020
- Able to publish rapidly to support open research in a wide range of disciplines through editorial checks, open data support, and invited open peer review

Preprint servers by publishers

Under Review

- Launched by Wiley in 2019
- provide preprints at the same time of submission to selected journals

Cambridge Open Engage

- Launched by Cambridge University Press in 2020
- Accept preprints from all disciplines except those related to clinical practice

Ethical concerns about preprints

- In February 2020, a paper about COVID-19 posted on bioRxiv was immediately withdrawn due to the fierce criticism of the study's methodology and arguments.
- debate on the risks associated with non-vetted papers being distributed through preprints servers
- traditional journal publishing model helps filter out junk science through peer review



**The collaborative site to upload, share
and advance your research**

Cambridge Open Engage is the new early content platform from Cambridge University Press, designed to provide researchers with the space and resources to connect and collaborate with their communities, and rapidly disseminate early research. It is free to upload and read content.

www.cambridge.org/engage/coe/public-dashboard

**READ AND PUBLISH *OR*
PUBLISH AND READ?**

What's a Read and Publish Agreement?

A publisher receives both payment from the institution/consortia for reading and payment for publishing OA bundled into a single contract..

What's a Publish and Read Agreement?

The publisher receives payment only for publishing OA and reading is included for no additional cost to the institution/consortia.

Read and Publish Agreements

Cambridge University Press has signed Read & Publish (R&P) agreements with major universities/consortia worldwide.

These agreements allow affiliated authors:

- to publish their accepted papers in selected Gold OA and hybrid OA journals
- to pay discounted or no Article Processing Charges.

For more information, please visit our information page:

www.cambridge.org/core/services/open-access-policies/read-and-publish-agreements

For further queries on our OA journals and policies, please contact oaqueries@cambridge.org or visit our [Publishing Open Access](#) for more information.

PLAN YOUR CAREER AS A RESEARCHER

Prior to Award of Your PhD

Start preparation of these materials:

- Personal website
- Professional picture
- CV (1-page and full version)
- Research statement
- Teaching statement (with teaching evaluation)

Prior to Award of Your PhD

Research Statement/Pitch:

- 2-minute version:
 - simple enough for people outside your field to understand; give people a big picture; make your idea interesting to people outside your field
- 5-minute version:
 - Go into greater details of what you are doing; you should tell how your work differs from existing literature
- 15-minute version:
 - Let the expert in your field know what you are doing and let people outside your field also find out more.

Social networks for researchers

Academia.edu

- established by Richard Price in 2008
- Users can
 - create personal profiles
 - follow and exchange messages with other users
 - upload papers
 - request feedback
 - track measure papers' engagement/influence through analytics
- connect with colleagues from other social networking sites like Facebook, Twitter, Google, through “import contact” feature
- a notification feature that alerts users through email whenever a researcher on their follow list publishes a paper

Social networks for researchers

ResearchGate

- founded in 2008 by Ijad Madisch, Horst Fickenscher, and Sören Hofmayer
- researchers network, connect and share knowledge by uploading journal articles, conference papers, posters, data and code to an online repository
- users can receive analytics on their paper (e.g., no. of times their papers have been read and cited by other users on ResearchGate).

Social networks for researchers

Mendeley

- named after the biologist Gregor Mendel and chemist Dmitri Mendeleev
- founded in London in 2007 by three German PhD students
- Purchased by Elsevier in 2013
- Initially used a reference manager but new products include data repository, jobs site, analytics, research funding, etc.

Social networks for researchers

Penprofile

- uniquely blends social interactions with productive knowledge sharing and human resources development
- features/sections such as profile creation for individual and organization, a unique article/blogging platform, group creation, research reviews, academic news such as job placements, writing opportunities, call for papers, conferences, membership opportunities.

Social networks for researchers

LinkedIn

- a networking platform
- individuals and companies connect for
 - fostering working relations
 - employment opportunities
 - skills acquisition
 - knowledge sharing, etc.
- LinkedIn founded in 2003 and became fully owned subsidiary of Microsoft in Dec 2016

Social networks for researchers

Google Scholar

- a search engine dedicated finding scholarly resources
- allows users to search across a wide range of academic literature
- Users can create a Scholar profile, save their articles in Scholar Library and also import their citations.
- Metrics feature - authors can view the visibility and influence of recent articles in scholarly publications.

Social networks for researchers

- Altmetric (track mentions of your published research on various social media, online media and blogs)
- Orcid (unique researcher ID to identify your research output)
- YouTube
- Twitter
- Facebook
- Instagram
- Etc...

PROMOTE YOUR JOURNAL ARTICLES AND BOOKS

Channels of Promoting Your Research

- Have a plan to promote your published paper/book.
- Include it in your CV and update your personal homepage and university profile page.
- Upload a Green OA version of paper to social networks (check with publisher first)
- Tweet it!
- Post a short, less technical summary of paper on Facebook and LinkedIn

After your doctorate

Career management for researchers

Researcher career stories

Researcher CV examples

Pursuing an academic career

Applying for academic jobs

► Creating an effective academic CV

Academic cover letters

Writing a statement of academic research interest

Research funding

Doctoral careers outside HE

EURAXESS UK Career Development Centre

Creating an effective academic CV

Academic CVs should only be used for academic applications and have a unique format. The key extra features compared to [general CVs](#) are more focus on:

- publications
- your research activities
- funding awarded.



Although academic CVs are longer than other types of CVs, no more than four pages is often recommended. There is variation in the expected format in different countries, so try to find out what is expected. Here is some general guidance on creating your academic CV.

- Tailor your academic CV for every application. Analyse the job description and specification, if available. Your CV needs to present strong evidence that you fulfil the job requirements
- Highlight your academic achievements and research interests. Find out as much as you can about the research area you are applying to, so you understand how your expertise complements theirs and can judge their familiarity with technical language of your research area
- Keep jargon to a minimum and write with clarity. Spell out your qualifications, research, publications and any other relevant information. Describe your contribution to publications, particularly high impact publications. See the section on writing a [statement of research interest](#). Don't be modest
- Publications: a reverse chronological list is a prerequisite, best presented as an appendix. Include journal articles, books or chapters of books, reports and patents
- Research experience: in reverse chronological order. Emphasise

New user - Register

Access a wealth of information that is only available to registered users, including:

- Publications
- Resources
- Communities

REGISTER

Focus on mentoring and coaching for researchers



Register for [#VitaeHangout on mentoring for researchers](#). 16 June 2016.

Until end June: we're collecting case studies and articles to showcase expertise in mentoring and coaching researchers.

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WordPress is open source software you can use to create a beautiful website, blog, or app.

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Beautiful designs, powerful features, and the freedom to build anything you want. WordPress is both free and priceless at the same time.

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Log in

See what's happening in the world right now

Join Twitter today.

Phone or email

Password

Get started

Have an account? Log in

Apps Advertise Marketing Businesses Developers Directory Settings © 2018 Twitter

Wix

Features Explore Subscriptions Templates Support

Sign In

It All Starts with Your Stunning Website

Wix unites beauty and advanced technology to create your stunning website. It's easy and free.

Get Started

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ACADEMIC WRITING THE BASICS

0:46 / 7:08

Academic Writing: The Basics

5,550 views

61 2 SHARE

Add publications to LinkedIn profile

The image shows two overlapping screenshots from the LinkedIn interface. The primary screenshot is a modal window titled "Add publication" with a close button (X) in the top right corner. It contains the following fields and options:

- Title ***: A text input field with a placeholder example: "Ex: Giving and receiving feedback".
- Publication/Publisher**: A text input field with a placeholder example: "Ex: Harvard Business Review".
- Publication date**: Three dropdown menus for "Month", "Day", and "Year".
- Author**: A section showing a profile card for "Joe C. H. Ng 伍志宏" with a small profile picture and the name "Joe C. H. Ng". Below the name is a text input field containing "C. H. Ng" and a blue "Add author" button.

At the bottom of the modal, there is a blue "Save" button and a notice: "We no longer share changes to publications with your network. [Learn what's shared](#)".

The secondary screenshot, on the right, shows the "Add profile section" dropdown menu. The "Accomplishments" section is highlighted in purple and contains the following options:

- Publications**: "List your published work and be found 7x more." with a plus icon (+).
- Certifications**: "Members with a certification get 5x more profile views." with a plus icon (+).
- Patents**: "Showcase your innovation" with a plus icon (+).



Stephen W. Hawking

Director of Research, Centre for Theoretical Cosmology, DAMTP
No verified email

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[A model of leptons](#)

S Weinberg
Physical review letters 19 (21), 1264

[The large scale structure of space-time](#)

SW Hawking, GFR Ellis
Cambridge university press

[Particle creation by black holes](#)


SW Hawking
Communications in mathematical physics 43 (3), 199-220

[The illustrated a brief history of time](#)

S Hawking
Bantam

[Imaginary homelands: Essays and criticism 1981-1991](#)

S Rushdie
Random House



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a new publishing format

Cambridge Elements

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- Rigorous peer review, decision by Series editors
- Print and digital – digital functionality includes inline video, executable code
- 12-week production time

<https://www.cambridge.org/core/what-we-publish/elements>

Cambridge Elements

- Over 90 series commissioned (not all series have started to publish content)
- Mostly in HSS (but STM working hard to commission more)
- More than 220 individual Elements published so far
- Annual output = c. 100-150 Elements
- Available to purchase as a paperback but is print-on-demand: US\$20 / £15

Cambridge Elements

- Authors receive free copies and access to the Series' published Elements
- Metrics measure altmetrics and number of full-text/PDF views and abstract views

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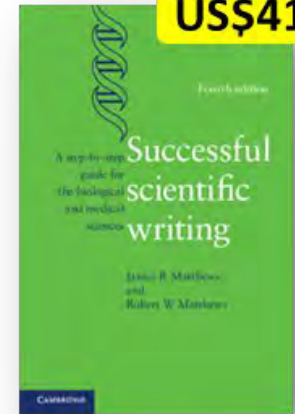
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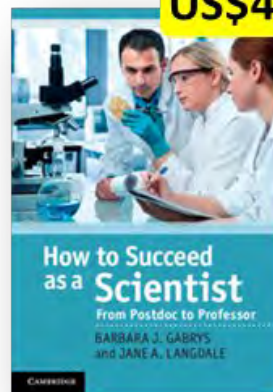
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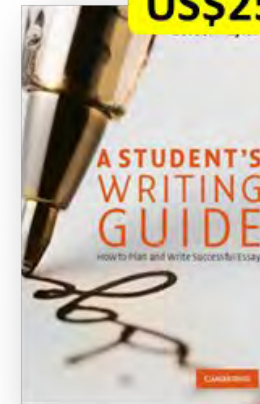
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Thank you!



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