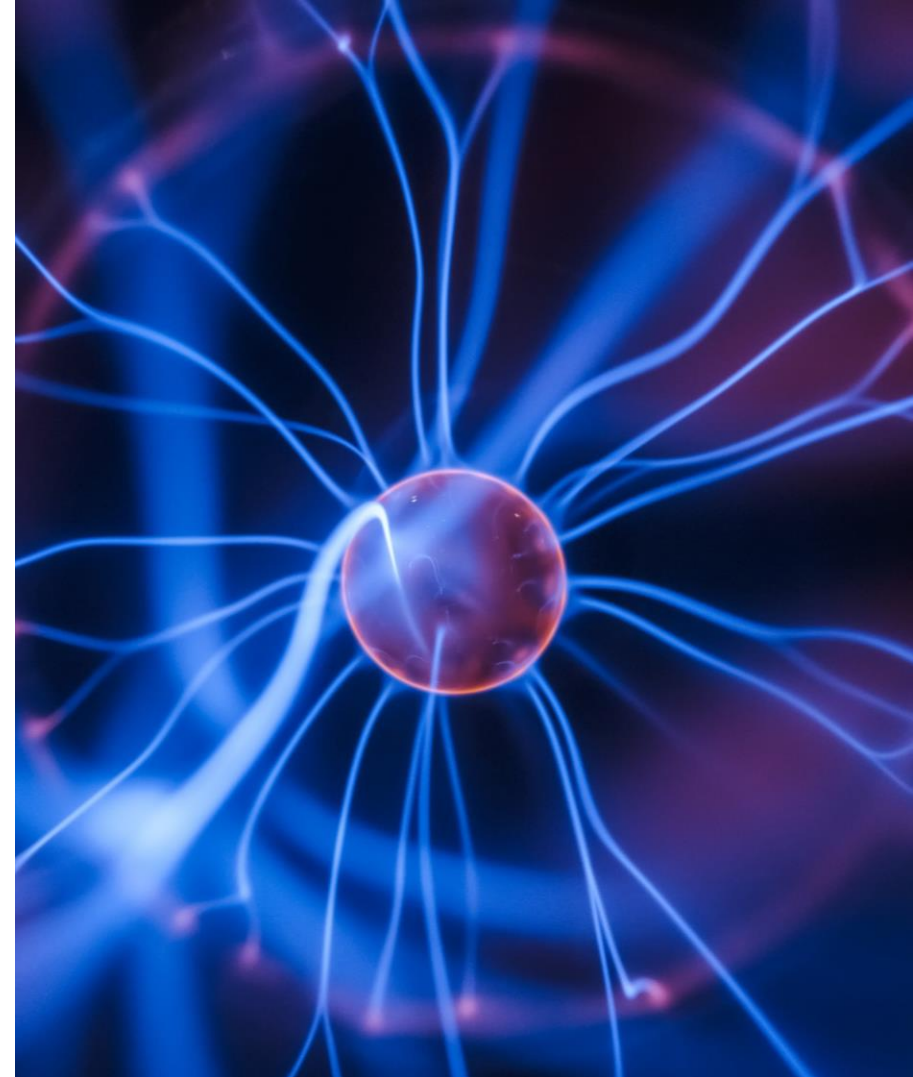




Frontiers in Physics

Fernando Uxo, Journal Specialist

Hannah Means, Journal Specialist



Frontiers in numbers

600,000
total published
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121
journals with a
Journal Impact
Factor

4 billion
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downloads

**12
million**
total citations

7th
most cited
publisher

95%
rate our articles
as excellent
or good

670+
institutions with
publishing
agreements

222
journals spanning
1,700+ specialty
sections

3 million
researchers in our
community

Investigating complex questions in physics to understand the nature of the physical world

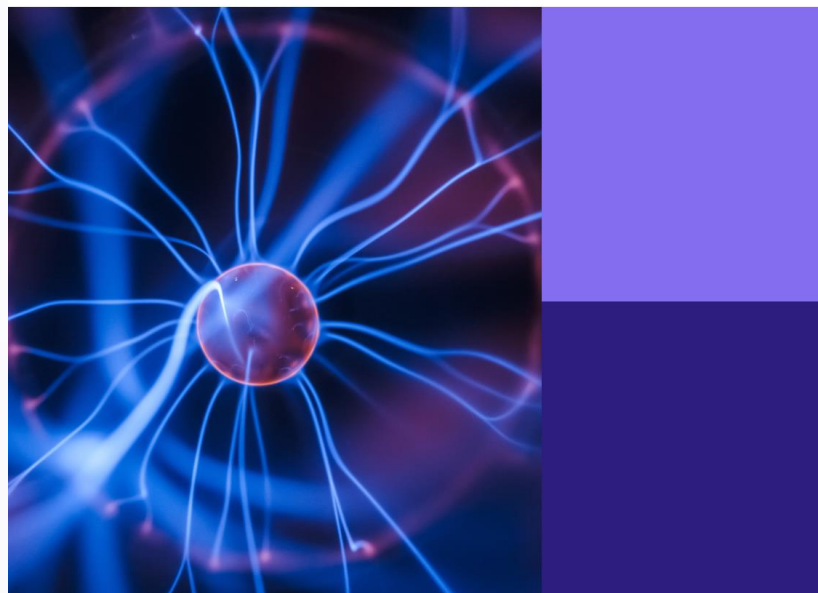
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- biophysics
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- condensed matter physics
- fluid dynamics
- high-energy and astroparticle physics
- medical physics and imaging
- nuclear physics
- optics and photonics
- physical acoustics and ultrasonics
- plasma physics
- radiation detectors and imaging
- social physics
- soft matter physics
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Frontiers in Physics



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2.1

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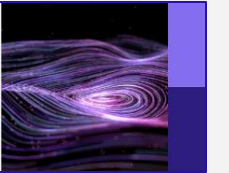
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Visualizing Offline and Live Data with AI (VOLDA)

Workshop first edition Princeton 11-13th June 2024



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Published on 17 Jan 2025

Accelerating discoveries at DIII-D with the Integrated Research Infrastructure

T. Bechtel Amara · S. P. Smith · Z. Xing · S. S. Denk · A. Deshpande · Nelson · C. Simpson · E. W. DeSh · T. F. Neiser · O. Antepara

1,394 views **2** citations

ORIGINAL RESEARCH

Published on 17 Apr 2025

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Nitesh Bhatia · Rui Costa · Samuel Jackson · Nathan Cummings · Stanislas J. P. Pamela · Shaun de Witt · Alejandra N. Gonzalez Beltran · Robert Akers

3,385 views **1** citation



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Visualizing Offline and Live Data with AI (VOLDA)

Workshop Second Edition CIEMAT Research Center, Madrid, Spain, 18-20th November 2025

The preparation and construction of new tokamaks in the world such as ITER, BEST and in the more distant future the projects of future fusion reactors like DEMO and CFETR, will change the landscape of data visualization. Indeed, current plasma discharges last a few minutes at most, whereas data from future fusion machines will be collected over hours. A new era is beginning, particularly for the visualization and analysis of physical phenomena: how to focus on the interesting periods of the discharge and how to quickly store, retrieve and analyze all these data? This is the challenge of this workshop, which brings together different experts in the analysis and visualization of datasets.

The three-day event focuses on feedback, lessons learned, and innovative techniques that developers and users experience with AI techniques and large dataset visualization. A summary of the workshop with all contributors for a journal is one of the key outcomes.

The manuscript submitted by each contributor to Frontiers in Physics Journal should be concise to synthesize the key points from the workshop presentations. The final Research Topic will group all the contributions, with a global introduction, conclusions, perspectives, and recommendations for the future.

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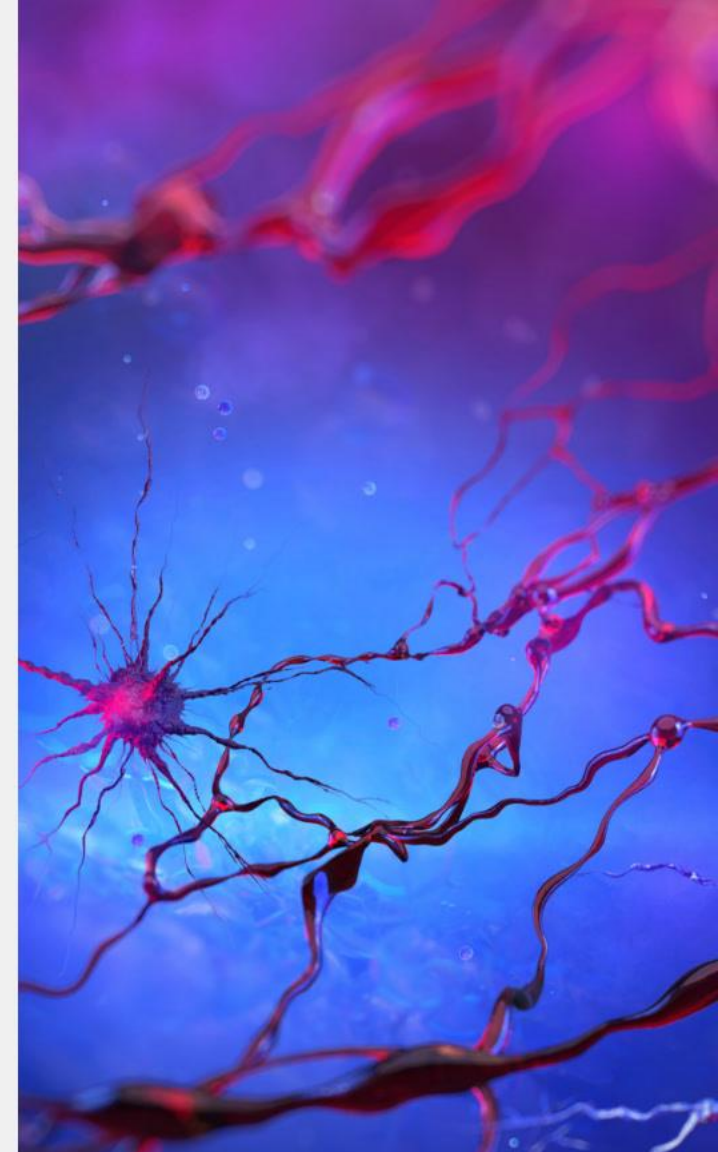


Submission deadlines

Summary: 16 January 2026
Manuscript: 15 March 2026

For more information

physics@frontiersin.org
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- We invite the following article types:

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- Review

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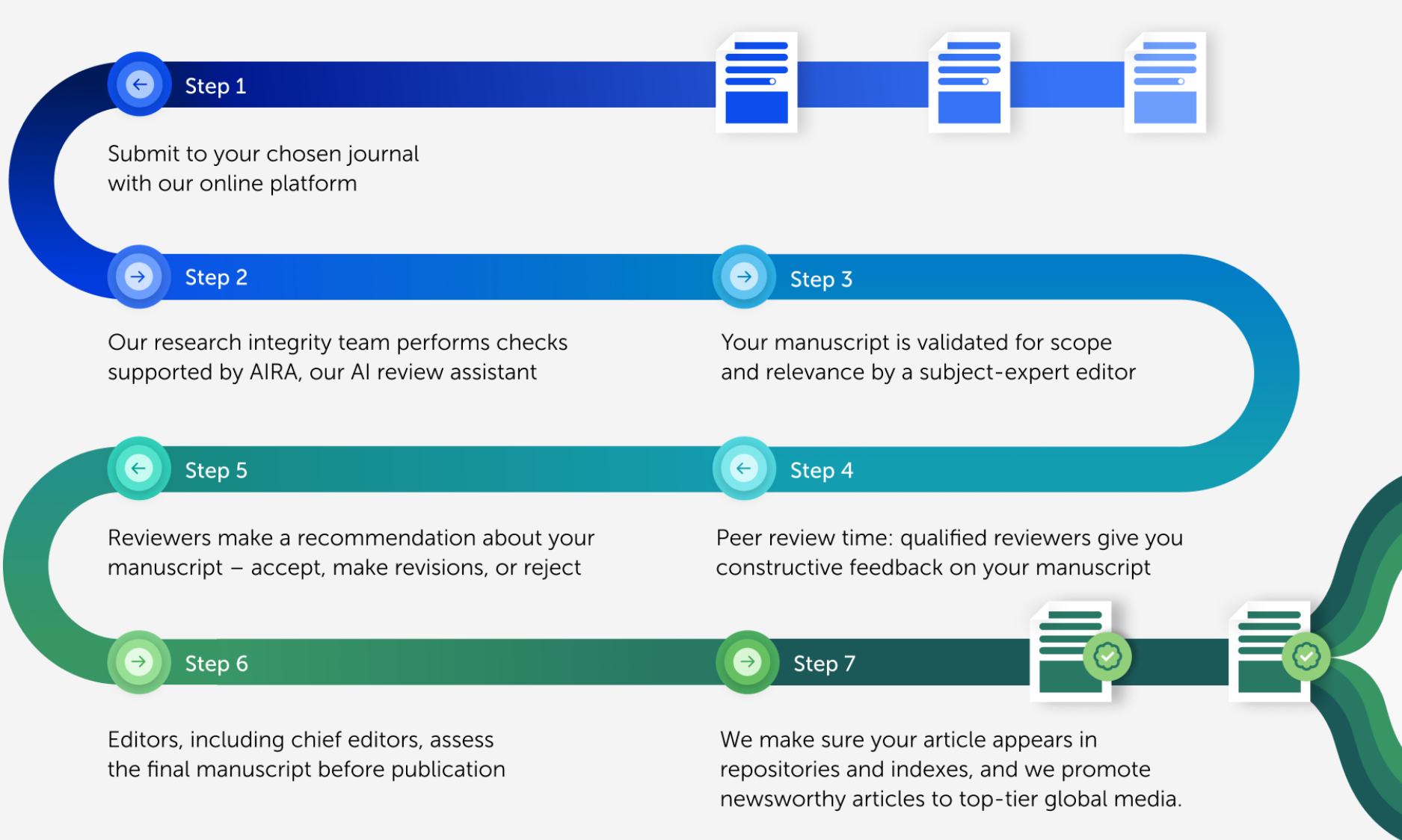
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62 days

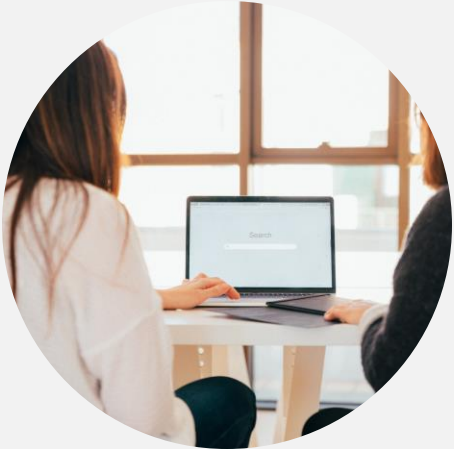
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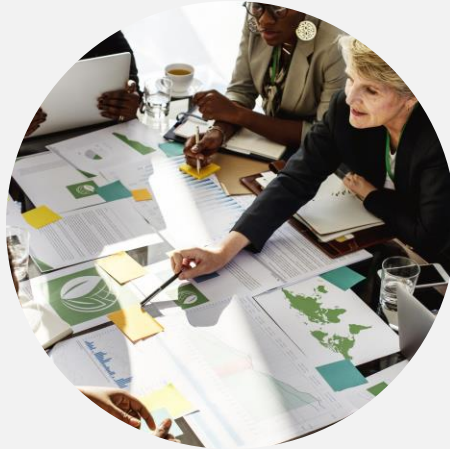
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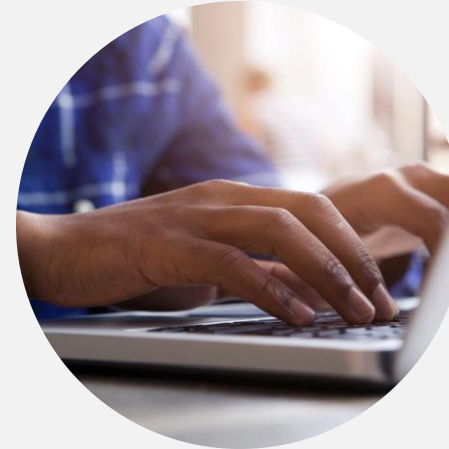
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Fernando Uxo

Journal Specialist

Frontiers in Physics

physics@frontiersin.org

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