ICFO

Becoming a Scientific Writer: Putting ?why? before ?how???

GAVIN LUCAS

July 15, 2025 to July 16, 2025
09:30 to 17:30
Elements Room

?The goal of this workshop is to help publishing scientists develop a more impartial, analytical view of scientific writing, to better understand their readers as the focus for their scientific communication, and to make them more efficient writers and editors. Their writing will no longer be driven by a standard formula for How? To write a paper, but will be inspired by the question i¿½Why?i?

Target group: PhD students and Postdoctoral researchers (Priority will be given to 2nd and 3 rd year PhD students).
Available places: 16?

Training content:???
Participants will develop a deeper understanding of the structure of scientific papers, with renewed focus on the purpose of each section and the connections between them. They wil gain a global framework for conceptualizing the entire publishing process, how to create a expectation in the reader and then deliver on that expectation, and how to make th qualitative jump from a passive scientific account to an active scientific argument. We wil then apply this knowledge to the practical task of constructing a scientific manuscript fro scratch. This training workshop is highly interactive with extensive elements of partner work exercises and group discussion, and a special emphasis on sharing and learning fro participants' own expertise and experience. To increase applicability, we work with real-lif cases from the participants.??

Five stages of Publishing
Who is my reader?
Creating an Expectation: Destination and Roadmap
Building structure and connectivity: Guide Layer
From scientific report to a scientific argument: Sentence Outline
Writing for Readability - words, sentences, and paragraphs
Using AI in Scientific Writing

Training Method:?

This is an interactive workshop with extensive elements of partner work, exercises, grou discussion. We use innovative training methods and proven didactic techniques, and plac special emphasis on sharing and learning from the participants' own expertise an experience. To increase impact and applicability, we work with real-life cases from th participants whenever possible. We may ask participants to reserve time for individua preparatory work before the workshop.

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Trainer: Dr. Gavin Lucas?

Gavin is the director of The Paper Mill, is a scientist with 14 years of experience as a biomedical researcher, and 11 years of experience as an academic author's editor, consultant and trainer. In addition to his own solid track-record as a publishing scientist on national, European and international research projects, as an academic author's editor and consultant, he has helped plan, critique, and polish over 250 original scientific articles for dozens of institutes in diverse fields, as well as numerous FP7 and H2020 proposals. He also has extensive experience as a trainer in scientific writing and other topics and provides consultancy on scientific productivity at academic institutes and agencies.?

Hosted by: Academic Affairs