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Scientific Publishing from the Inside Out



Dr. Maria J. Cruz (Science Magazine)

Dr. Maria J. Cruz is an associate editor of the Science Magazine. She embarked on a 5-year physics degree at the Instituto Superior Técnico at the Technical University of Lisbon in 1994. After graduation, Cruz rejoined the Instituto Superior Técnico as a research technician. After 7 months, she was accepted for Ph.D. studies at Imperial College London, the University of Sussex in Brighton, and the University of Cambridge but decided on Oxford University. As a Ph.D. student in astrophysics, she picked a very broad research topic: distant radio galaxies. Then she joined in the ASTRONET, and has been the main contact for the ASTRONET Roadmap's scientific panels and working groups. She took the position at Science as an associate editor in astrophysics, astronomy, and planetary science in 2008.

Abstract

Publishing has always been an integral part of the scientific enterprise and a critical step in the research process. The internet has changed many aspects of publishing scientific papers in the last two decades, but some challenges for authors, referees, and editors have stayed the same. I will review some of these recent changes and will provide insights into the editorial process at Science. I will cover the journal's selection process, peer review, the role of the editor and the journal's role in promoting ethically acceptable practices in science.



All are welcome! Tea, coffee, biscuits will be served at 9:45 A.M.

You are welcome to nominate speakers to Shude Mao (shude.mao@gmail.com), Licai Deng (licai@bao.ac.cn), Xuelei Chen (xuelei@cosmology.bao.ac.cn).