

台灣科技大學專題演講公告

Inside *Nature*

Speaker: Mr. Karl Ziemelis

Chief Physical Sciences Editor, *Nature*



- **Date and time** : 2017/5/15, 14:00 ~15:00
- **Location** : NTUST Campus, IB-202(台灣科技大學國際大樓二樓 202 室)
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Since its launch in 1869, *Nature* has seen its mission as two-fold: facilitating the prompt communication of the most important scientific developments to the relevant research communities, while at the same time fostering a greater appreciation of these great works of science amongst the wider public. Although the publishing landscape for scientific research is currently undergoing a period of unprecedented change, these core principles remain largely unchanged. In this talk, I will endeavour to shed light on how *Nature* editors apply these principles in practice, and so determine which few of the many excellent research submissions that we receive make it through to publication.

Karl Ziemelis is the current Physical Sciences Editor of *Nature*, a position that he has held since 1997. He manages a team of ten Associate and Senior Editors who, between them, are responsible for *Nature's* output of original research papers in the physical sciences (which include astronomy, physics, materials, chemistry, Earth and environmental sciences). The work of this team involves ensuring the quality and immediacy of the published research, both through careful editorial pre-screening of the papers and by managing a fast and efficient peer-review process. A crucial component of this work is a close editorial interaction with the authors of successful papers, to ensure that the published manuscripts communicate their key findings effectively to a wide, scientifically literate audience.

He received his bachelor's in Natural Sciences (specializing in physics) from the University of Cambridge in 1988, followed by four years of original research on the electronic properties of conjugated polymers under the supervision of Professor Richard Friend (Cavendish Laboratory, Cambridge), before joining the staff of *Nature* in 1992. When time permits, he occasionally writes in a freelance capacity for *Nature* (having contributed to the news and "News and Views" sections of the journal) and also for the popular science weekly magazine *New Scientist*.