

## Editorial

# Reviewer recognition and editor's note 2019

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2019 will be a year of change. According to recent forecasts [1] the growth in photonics markets will cool down to a few percent, which comes after some exciting years such as 2017 with strong 21.6% growth. After an unusually long economic upswing we see business calming.

Analysts name some reasons such as new tariffs, and Brexit. Whether it is coming or not, Brexit will have a long-lasting influence on Europe. Today's academic research is based on international collaboration, so any separating efforts are disastrous. Some UK scientists have already established strategic alliances with their continental colleagues to soften the effects of Brexit on their funding situation [2].

Fortunately, academic publishing is widely independent of such trends. We have the inspiring task to track and to mirror new technological trends. This we did in 2018 and so we plan for 2019. Currently, we have four topical issues confirmed for this year:

- Illumination optics (Guest editors: Cornelius Neumann, Tran Quoc Khanh)
- Interdisciplinary simulation (Guest editors: Alois Herkommer, Fabian Duerr)
- 3D lithography (Guest Editors: Robert Kirchner, Jun Taniguchi)
- Microscope objectives

## 2018 Reviewers in *Advanced Optical Technologies*

Any progress in *AOT*'s reputation is based on quality. While this sounds simple, in reality it is not. Every manuscript that is not immediately rejected goes through a careful peer review process. At least two peers read and comment on the manuscript. These comments usually help to improve the quality of the manuscript.

Thus, we see every day how fundamental a careful peer review works for the quality of manuscripts and therefore for the quality of the journal. Our readers acknowledge this by increasingly citing the journal. In turn, I would like to take the opportunity to give these

The latter refers to a unique project where Yueqian Zhang and Herbert Gross from the Friedrich Schiller University Jena embark on giving a systematic review of the optical design of microscope objectives across all major manufacturers. It is quite unusual to reserve one issue for one team of authors, but in this case it appears well legitimated by the size of the material and the reputation of the authors.

## Annual citation statistics

Reputation is an important topic. *Advanced Optical Technologies (AOT)* has increased its impact in 2018. Elsevier's CiteScore for *AOT* has again increased, now it stands at 1.31, meaning that on average, every three *AOT* papers are cited 4 times. This is a nice improvement after 0.69 (2015) and 0.99 (2016). The forecast for 2018 is already positive: as of the 7th of January we stand at 1.33 which may increase in the next months as more documents from 2018 are scanned. This places *AOT* among reputed titles such as *Applied Optics* (1.84), and *Optical Engineering* (1.12).

reviewers a public acknowledgment. These reviewers have contributed voluntarily to make this ongoing success possible. Thank you very much! In the following you will find all the reviewer names of those who did such a careful job for *AOT* authors in 2018:

Antonio Ancona  
Jan Audenaert  
Stefan Bauemer  
Jörg Baumgart  
Matthias Beier  
Peter Bender  
Stephan Berlitz  
Jörn Bonse

Ulf Brauneck  
 Timothy Bunning  
 Jan Burke  
 Laurent Calvez  
 William Cassarly  
 Xinbin Cheng  
 Ya Cheng  
 Oliver Dross  
 Jörg Eberhardt  
 Zexin Feng  
 R. A. S. Ferreira  
 Lawrence Flynn  
 Ichiro Fujieda  
 Roland Geyl  
 Arnold Gillner  
 Matthew Greenhouse  
 Hongyu Guan  
 Carsten Gut  
 P. Shiv Halasyamani  
 Shaul Hanany  
 Lakshminarayan Hazra  
 Alois Herkommer  
 Andrew Hicks  
 Gary Hill  
 Alexander Horn  
 Lei Huang  
 Heinz Huber  
 Wolfgang Husinsky  
 Valery Jacobs  
 Peter Jäschke  
 David Jenkins  
 Marco Jupe  
 Malgosia Kaczmarek  
 I.C. Khoo  
 Sang-Jae Kim  
 Adam Klej  
 Bob Kruizinga  
 Jeff Kuhn  
 Roland Lachmayer  
 Grigory Lazarev  
 Qingyu Meng  
 Akihiro Mochizuki  
 Cornelius Neumann  
 Hiroyuki Niino  
 James Oliver

Heidi Ottevaere  
 Samuel Pellicori  
 Mikhail E. Povarnitsyn  
 Francesco Prudenzano  
 Gediminas Raciukaitis  
 Victor Reshetnyak  
 Kathleen A. Richardson  
 Francois Riguet  
 Detlev Ristau  
 Bernhard Roth  
 Giacomo Salvadori  
 Shannon Sankar  
 Marc Schnieper  
 Henning Schröder  
 Georgiy Shakhgildyan  
 Frank Siegel  
 Harun H. Solak  
 Steffen Sommer  
 Johannes Stock  
 Slawomir Sujecki  
 Oliver Suttmann  
 Matteo Taccola  
 Juha Toivonen  
 Klaus Trampert  
 Giorgios Tsibidis  
 Michael Vergöhl  
 Steffen Weissmantel  
 Jianing Yao  
 Jianing Youngman  
 Klaus Zimmer

Yours sincerely,

**Andreas Thoss**

Publisher

**Michael Pfeffer**

Editor-in-Chief

## References

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- [2] 'Bracing for Brexit', M. Moser, *Optics & Photonics News*, 14. December 2018, [www.osa-opn.org/home/newsroom/2018/december/bracing\\_for\\_brexit/](http://www.osa-opn.org/home/newsroom/2018/december/bracing_for_brexit/).



Andreas Thoss studied physics and received the diploma and PhD degrees from the Free University Berlin in 1995 and 2003, respectively. For both degrees, he did research at the Max-Born-Institute Berlin on the field of ultra-short and ultra-intense laser pulses. From 1996 to 1999, he worked as a development engineer for medical laser systems with Aesculap-Meditec (now ZEISS Meditec) in Jena. In 2003 he joined the international publishing house John Wiley & Sons. There, he gathered comprehensive experience as publisher, editor and commissioning editor in the areas of book, journal and online publishing. Among others, he co-founded the journals *Laser & Photonics Reviews* (2007) and the *Journal of Biophotonics* (2008). Since its foundation in 2010 he manages THOSS Media, where he co-founded *Advanced Optical Technologies*.



Michael Pfeffer graduated in 1998 at the Institute of Applied Optics at EPFL (Switzerland), obtaining his PhD for a thesis in the field of Optical Nanotechnology. In 2002, after several years working in the Swiss optics industry, he was appointed Full Professor of Optics and Engineering in the Department of Physical Engineering of Hochschule Ravensburg-Weingarten, University of Applied Sciences (Germany). Dr. Pfeffer teaches and researches in the field of optics, physical instrument design and nanotechnology. Currently, he serves as Vice-Rector for Research and International Relations. In 2005, the General Membership Meeting elected him to the Executive Board and CEO for the DGaO-Annual Meeting 2006. From 2008 to 2012 he served as President of the German Society of applied Optics (DGaO). In 2012 he was elected as Secretary of the Board of the European Optical Society (EOS). Dr. Pfeffer is member of the German Physical Society (DPG), the German Society of Engineers (VDI), and the Standards Committee Precision Engineering and Optics of the German Institute of Standardisation (DIN).