

وبینار مقاله نویسی در فیزیک پزشکی (۲۰ اردیبهشت ۱۴۰۰)

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## **IOMP webinar: Publishing in medical physics**

**Monday, 10th May 2021 at 1 pm GMT**

[Register here](#)

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<https://greenwichmeantime.com/time-gadgets/time-zone-converter/>

**Organizer: Madan Rehani**

**Moderator: Paolo Russo, Chair, Publication Committee, IOMP,  
Past Editor-in-Chief, Eur J Medical Physics**

**Speakers: Katia Parodi and John Boone**

**Individual topics**

**Katia Parodi: Keeping the pace with a rapidly evolving field of  
medical physics**

**John Boone: The fundamentals of a great paper**



**Prof. Dr. Katia Parodi**

**Chair of Experimental Physics – Medical Physics**

**Faculty of Physics at LMU Munich**

**Editor-in-Chief, Physics in Medicine & Biology**

Katia Parodi received her Ph.D. in Physics from the University of Dresden, Germany, in 2004. She then worked as postdoctoral fellow at Massachusetts General Hospital and Harvard Medical School in Boston, USA. In 2006 she

returned to Germany as tenured scientist and group leader at the Heidelberg Ion Therapy Center, obtaining in 2009 her Habilitation from the Heidelberg University. Since 2012 she is full professor and Chair of Medical Physics at the Physics Faculty of the Ludwig-Maximilians-Universität München (LMU) in Munich, where she initiated a dedicated curriculum for Medical Physics within the Physics Master of Science study. Her main research interests are in high precision image-guided radiotherapy with a special focus on ion beams, from advanced computational modeling to experimental developments of novel methods for imaging and in-vivo ion range monitoring for pre-clinical and clinical applications. Katia Parodi has been invited speaker and committee member at many conferences, contributed to over 200 publications in peer reviewed journals, 12 book chapters and a couple of patents. For her work, she received several national and international recognitions, including the Behnken Berger Award in 2006, the IEEE Bruce Hasegawa Young Investigator Medical Imaging Science Award in 2009, the AAPM John S. Laughlin Young Scientist in 2015 and the awarding of an ERC Consolidator grant in 2016. In 2017-2018 she served as president of the German Society for Medical Physics, and is since 2021 the Editor-in-Chief of the journal Physics in Medicine and Biology.



**John M. Boone, Ph.D.**  
**Professor of Radiology and Biomedical Engineering**  
**Editor-in-Chief, MEDICAL PHYSICS**

John M. Boone, Ph.D. received his undergraduate degree in Biophysics at UC Berkeley and his MS and Ph.D. in Medical Physics at UC Irvine. After faculty positions at University of Missouri, Columbia and Thomas Jefferson University in Philadelphia, he is now Professor of Radiology and Biomedical Engineering at the University of California Davis, in Sacramento California. His research interests include the development of cone beam CT systems for dedicated breast imaging, and the use of Monte Carlo methods for radiation dose assessment in diagnostic radiology especially in breast imaging and CT. His lab has also developed accurate x-ray spectral models for diagnostic radiological imaging, non-destructive testing, and ortho-voltage therapy applications. His interests also extend to whole body CT, including the development and implementation of new methods for image quality evaluation (e.g. 3D MTF and 3D NPS) and for radiation dosimetry (Size Specific Dose Estimation – SSDE).