

Springer Series in Optical Sciences

Volume 26

Edited by Arthur L. Schawlow

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# Lasers and Applications

Proceedings of the Sergio Porto Memorial Symposium  
Rio de Janeiro, Brasil, June 29 – July 3, 1980

Editors:

W.O.N. Guimaraes, C.-T. Lin, and A. Mooradian

With 200 Figures

Springer-Verlag Berlin Heidelberg GmbH 1981

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ISBN 978-3-662-13507-5   ISBN 978-3-540-38609-4 (eBook)  
DOI 10.1007/978-3-540-38609-4

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© by Springer-Verlag Berlin Heidelberg 1981  
Originally published by Springer-Verlag Berlin Heidelberg New York in 1981.  
Softcover reprint of the hardcover 1st edition 1981

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## Preface

The International Conference on Lasers and Applications was held in Rio de Janeiro, Brazil from 29 June to 3 July 1980. This conference was held to commemorate the memory of Professor Sergio Porto who died suddenly about one year earlier while attending a laser conference in the Soviet Union. The subject matter covered the active areas of laser devices, photochemistry, non-linear optics, high-resolution spectroscopy, photokinetics, photobiology, photomedicine, optical communication, optical bistability, and Raman spectroscopy.

The conference was attended by over 150 people including scientists from Japan, France, England, West Germany, Norway, Italy, Brazil, Chile, Argentina, India, Canada, and the United States. A memorial session attended by members of the Porto family and ranking Brazilian government dignitaries preceded the start of the conference.

The location of the conference in Rio de Janeiro, Brazil, was chosen because it was in the homeland of Sergio Porto and provided an opportunity for his friends, colleagues, and countrymen to pay homage to him. The setting on Copacabana Beach afforded access to the lovely beaches, restaurants, and nightlife of one of the most beautiful and exciting cities of the world. There were tours of the city together with a banquet that featured a performance by one of the best Samba Schools in Rio.

Financial support from many sponsors in Brazil and the United States is gratefully acknowledged in making this working conference a fitting tribute to the memory of Professor S.P.S. Porto.

January, 1981

*W.O.N. Guimaraes  
C.T. Lin  
A. Mooradian*

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