

## Applied Combustion Diagnostics (Combustion, an International Series)

By KoHse-HoingHaus



## **Applied Combustion Diagnostics (Combustion, an International Series)** By KoHse-HoingHaus

The editors have assembled a world-class group of contributors who address the questions the combustion diagnostic community faces. They are chemists who identify the species to be measured and the interfering substances that may be present; physicists, who push the limits of laser spectroscopy and laser devices and who conceive suitable measurement schemes; and engineers, who know combustion systems and processes. This book assists in providing guidance for the planning of combustion experiments, in judging research strategies and in conceiving new ideas for combustion research. It provides a snapshot of the available diagnostic methods and thier typical applications from the perspective of leading experts in the field.



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#### **Editorial Review**

#### Review

..."this treatise on laser-based optical combustion diagnostics is both timely and important. It consists of authoritative articles by an international group of experienced researchers, covering state-of-the art of laser probes applied to different aspects of combustion. ...for advanced undergraduates, graduate students, and for researchers, they will serve as a very useful entry point to combustion research with laser probes. Chemistry and chemical engineering collections will find this book to be a worthy edition.E-Streams, Vol. 6, No. 4 - April 2003. Robert Michaelson, Science and Engineering Librarian, Northwestern University Science and Engineering Library.."

..." a thorough and readable review of the present state-of-the-art for laser-based combustion diagnostics...
...the publication quality of the book is very high; the chapters are well-organized and readable, the reference lists at the end of each chapter are extensive and up-to-date, and the quality of the figures is excellent throughout the book. A list of abbreviations at the end of the book is a nice feature, especially for readers who do not have extensive laser diagnostic experience. ...this will be a valuable book for both combustion researchers with little or no experience with laser diagnostics as well as for those who have extensive laser diagnostic experience. - Combustion and Flame, 133(2003) 507-508, Robert P. Lucht, Purdue University."

#### **Users Review**

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