



# Collected Reports and Publications by the National Institute of Standards and Technology on Heat Flux Gage Calibration and Usage

(The information contained in these pages was originally put together as a CD titled "NIST Special Publication 971". If you are interested obtaining a copy of the CD, contact William Pitts, 301-975-6486, [william.pitts@nist.gov](mailto:william.pitts@nist.gov).)

William M. Pitts and S. Regina Burgess, Editors

This volume contains archival reports and publications produced by the National Institute of Standards and Technology and its predecessor, the National Bureau of Standards. Even though some research dates back to the 1970s, most of the work has appeared within the last five years as the result of efforts by researchers in the Building and Fire Research Laboratory and the Physics Laboratory.

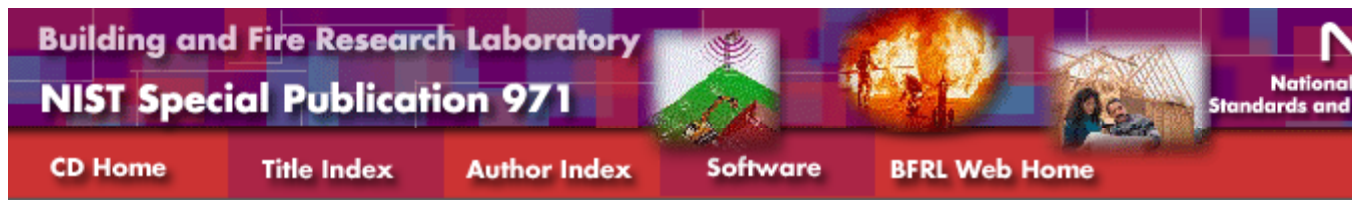
It was compiled at the request of the "FORUM Heat Flux Measurement Working Group" during their inaugural meeting at the Building Research Establishment, Garston, England on July 24-25, 2000. The working group operates under the auspices of the International Forum for Fire Research with a goal of promoting mutual confidence in flame heat flux measurements and calibrations of heat flux gauges among Forum laboratories.

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## Title Index

**Aperture Proximity Effects in High Heat Flux Sensors Calibration.** Murthy, A. V.; Tsai, B. K.; Saunders, R. D. *Journal of Research of the National Institute of Standards and Technology*, Vol. 103, No. 6, 621-624, November/December 1998.

**Calibration of High Heat Flux Sensors at NIST.** Murthy, A. V.; Tsai, B. K.; Gibson, C. E. *Journal of Research of the National Institute of Standards and Technology*, Vol. 102, No. 4, 479-488, July/August 1997.

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**Low Heat-Flux Measurements: Some Precautions.** Robertson, A. F.; Ohlemiller, T. J. *Fire Safety Journal*, Vol. 25, No. 2, 109-124, September 1995.

**Measurement Techniques for Low Heat Flux Exposures to Fire Fighters Protective Clothing.** Vettori, R. L.; Twilley, W. H.; Stroup, D. W. NISTIR 6750; 89 p. June 2001.

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