

## ICES Publications – in press

Gao, Z. and F. Mashayek (accepted). "An improved stochastic model for gravity effects in particle-laden turbulent flows." *Journal of Fluids Engineering*.

Krishnamoorthy, G., R. Rawat and P. J. Smith (accepted). "Parallelization of the p-1 radiation model." *Numerical Heat Transfer, Part B: Fundamentals*.

Ciro, W., E. G. Eddings and A. F. Sarofim (in press). "Experimental and numerical investigation of transient soot buildup on a cylindrical container immersed in a jet fuel pool fire." *Combustion Science & Technology*.

Eddings, E. G. (in press). *Combustion*, John Wiley & Sons, New York.

McDermott, R., A. Kerstein, R. Schmidt and P. J. Smith (in press). "The ensemble mean limit of the one-dimensional turbulence model and application to residual stress closure in finite-volume large-eddy simulation." *Journal of Turbulence*.

Silcox, G. D., J. S. Lighty and M. E. Kenner (in press). Hazardous waste incinerators. *Encyclopedia of Chemical Technology*, New York, John Wiley.

Violi, A., A. D'Anna and A. D'Alessio (in press). "A kinetic model of particulate carbon formation in rich premixed flames of ethylene and benzene." *Environmental Combustion Technologies*

## ICES Publications – 2005

Arnott, W. P., B. Zielinska, C. F. Rogers, J. Sagebiel, K. Park, J. Chow, H. Moosmüller, J. G. Watson, K. E. Kelly, D. Wagner, A. Sarofim, J. Lighty and G. Palmer (2005). "Evaluation of 1047-nm photoacoustic instruments and photoelectric aerosol sensors in source-sampling of black carbon aerosol and particle-bound pahs from gasoline and diesel powered vehicles." *Environmental Science & Technology* **39**: 5398-5406.

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Clawson, J. S., K. L. Anderson, R. J. Pugmire and D. M. Grant (2004). "<sup>15</sup>n nmr chemical shift tensors of substituted hexaazaisowurtzitanes: The intermediates in the synthesis of cl-20." *Journal of Physical Chemistry A* **108**: 2638-2644.

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- Linak, W. P., C. A. Miller, D. A. Santoianni, C. J. King, T. Shinagawa, J. O. L. Wendt, J. I. Yoo and Y. C. Seo (2004). "High temperature interactions between residual oil ash and dispersed kaolinite powders." *Aerosol Science & Technology* **38**: 1-14.
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