

- [1] Abrantes, J. K., Azevedo, L. F. A., **Estudo do Escoamento e Transferência de Calor em Jato Espiralado Incidente**, Dissertação de Mestrado – Dep. de Eng. Mecânica – Pontifícia Universidade Católica do Rio de Janeiro, 2005.
- [2] Adrian, R. J., Bjorkquist, D. C., Fingerson, L. M., Lai, W. T., Menon, R. K., and Naqwi, A. A., **Optical Diagnostics for Singles and Multiphases Flows**, Lecture 5, TSI Short Course Text, 1997.
- [3] Almeida, J. A., Azevedo, L. F. A., **Sistema de Velocimetria por Imagens de Partículas**, Tese de Doutorado - Dep. de Eng. Mecânica - Pontifícia Universidade Católica do Rio de Janeiro, 1997.
- [4] Blum, L., Flow Field and Turbulence Measurements in Different Non Reacting and Reacting Flows Configurations, Tese de Doutorado - Swiss Federal Institute of Technology Zurich, 2005.
- [5] Borghi, R., Champion, M., **Modélisation et Théorie des Flammes**, Editions Technip, Paris – França, 2000.
- [6] CFX 10.0 - Theory & Tutorial Book. ANSYS Inc, Canada, Ontario, 2005. <http://www.ansys.com/cfx>.
- [7] Chen, R. H., Driscoll, J. F., Kelly, J., Namazian, M., Schefer, R. W., **A Comparison of Bluff-Body and Swirl-Stabilized Flames**, Combustion Science and Technology, 1990, vol. nº 71, pp. 197 - 217.
- [8] Correa, S. M., Gulati, A., **Measurements and Modeling of a Bluff Body Stabilized Flame**, Combustion and Flame, 1992, vol. nº 89 , pp. 195 - 213.
- [9] Dally, B. B., Masri, A. R., Barlow, R.S., Fiechtner, G. J. and Fletcher, D. F., **Measurements of NO in Turbulent Non-Premixed Flames Stabilized on A Bluff Body**, 26 th Symposium (International) on Combustion, The Combustion Institute, 1996, pp. 2191-2197.
- [10] Dally, B. B., Masri, A. R., Barlow, R. S., Fiechtner, G. J., **Instantaneous and Mean Compositional Structured of Bluff-Body Stabilized Nonpremixed Flames**, Combustion and Flame, 1998, vol. nº 144, pp. 119 – 148.
- [11] Hussein, J., Capp, S. P., George, W. K., **Velocity Measurements in a High-Reynolds-Number, Momentum-Conserving, Axisymmetric, Turbulent Jet**, Journal of Fluids Mechanic, 1994, vol. nº 258, pp. 31-75.
- [12] Liu, K., Pope, S. B., Caughey, D. A., **Calculations of Bluff-Body Stabilized Flames using a Joint PDF Model with Detailed Chemistry**, Combustion and Flame, 2005, vol. nº 141, pp. 89 – 117.
- [13] LDV – Model 9230 ColorLink Plus Multicolor Receiver Instruction Manual.

- [14] Loureiro, J.B.R., **Fundamentos de Anemometria Laser- Doppler**, 5<sup>o</sup> Escola de Primavera em Transição e Turbulência, 2006.
- [15] Masri, A. R., Dibble, R. W., Barlow, R. S., **Raman-Rayleigh Measurements in Bluff-Body Stabilized Flames of Hidrocarbon Fuels**, 24<sup>th</sup> Symposium International on Combustion, Pittsburgh, The Combustion Institute, 1992, pp. 317-324.
- [16] Masri, A. R., Dally, B. B., Barlow, R. S., Carter, C. D., **The Structure of the Recirculation Zone of a Bluff-Body Combustor**, 25<sup>th</sup> Symposium International on Combustion, Pittsburgh, The Combustion Institute, 1994, pp. 1301-1308.
- [17] Masri, A. R., Dibble, R.W., Barlow, R.S., **The Structure of Turbulent Nonpremixed Flames revealed by Raman-Rayleigh-LIF Measurements**, Program of Energy Combustion Science, 1996, vol. n<sup>o</sup> 22, pp. 307 - 362.
- [18] Mungal, M. G., Korasso, P. S., Lozano, A., **The Visible Structure of Turbulent Jet Difussion Flames – Large-Scale Organization and Flame Tip Oscillation**, Combustion Science and Technology, 1991, vol. n<sup>o</sup> 76, pp. 165-185.
- [19] Peters, N., **Turbulent Combustion**, Cambridge, 2000.
- [20] PIV Hardware and Theory Operation's Manual (P/N 1990831), Janeiro 1997.
- [21] Pope, S. B., **Turbulent Flows**, Cambridge, 2000.
- [22] Raffel, M., Willert, C. E., Kompenhaus, J., **Particle Image Velocimetry – A Practical Guide**, Springer – Verlag Berlin Heidelberg, 1998.
- [23] Ricou, F. P., Spalding, D. B., **Measurements of Entrainment by Axisymmetrical Jets**, Journal of Fluids Mechanic, 1961, Vol. n<sup>o</sup> 11, pp. 21-32.
- [24] Roquemore, W. M., Bradley, R. P., Stutrud, J. S., Reeves, C. M., Britton, R. L., **Influence of the Vortex Shedding Process on a Bluff-Body Difusion Flame**, AIAA 21<sup>st</sup> Aerospace Sciencies Meeting, Paper AIAA 83-0335, 1983.
- [25] Roquemore, W. M., Bradley, R. P., Stutrud, J. S., Reeves, C. M., Krishnamurthy, L., **Preliminary Evaluation of a Combustor for Use in Modelling and Diagnostics Development**, ASME 80-GT-93,1980.
- [26] Schefer, R. W., Namazian, M. and Kelly J., **Velocity Measurements in a Turbulent Nonpremixed Bluff-Body Stabilized Flame**, Combustion Science and Technology, 1987, vol. n<sup>o</sup> 56, pp. 101-120.
- [27] Schefer, R. W., Namazian, M., Kelly J., **Comparison of Turbulent-Jet and Bluff-Body Stabilized Flames**, Combustion Science and Technology, 1989, vol. n<sup>o</sup> 67, pp. 123-146.
- [28] Turns, S. R., **An Introduction to Combustion**, McGraw-Hill series in mechanical engineering, 2000.