

## 7. Referências Bibliográficas

- Bohbot, J., Gillet, N., Benkenida, A., **IFP-C3D: an Unstructured Parallel Solver for Reactive Compressible Gas Flow with Spray**, Oil & Gas Science and Technology – Rev. IFP, Vol. 64, 2009, No. 3, PP. 309-335
- Brasil. Agência Nacional do Petróleo Gás Natural e Biocombustíveis (ANP). **Resolução ANP Nº 16, de 17/6/2008**. D.O.U., Brasília, 18/6/2008
- Brasil. **Decreto nº 1.787, de 12/1/1996**. Dispõe sobre a utilização de gás natural para fins automotivos, e dá outras providências. D.O.U., Brasília, 15/1/2006
- Brasil. Empresa de Pesquisa Energética (EPE). **Balanco Energético Nacional 2008: Ano base 2007**. EPE, Rio de Janeiro, 2008
- Brasil. **Lei n.º 11.097, de 13/01/2005**. Dispõe sobre a introdução do biodiesel na matriz energética brasileira. D.O.U., Brasília, 14/1/2005
- Brasil. Ministério das Minas e Energia (MME). **Portaria MME nº 553, de 25/9/1992**. Resolve: Autorizar a utilização de gás para ônibus urbanos e interurbanos, táxis e veículos de transporte de cargas. D.O.U., Brasília, 28/9/1992
- Bro, K., Pedersen, P. S., **Alternative Diesel Engine Fuels: An Experimental Investigation of Methanol, Ethanol, Methane and Ammonia in a D.I. Diesel Engine With Pilot Injection**, SAE 770794, 1977
- Cavalcanti, M., **Ascensão do Gás Natural no Mercado de Combustíveis Automotivos no Brasil**, 3º Congresso Brasileiro de P&D em Petróleo e Gás, Instituto Brasileiro de Petróleo e Gas (IBP), Salvador, 2005
- Colin, O, Benkenida, A. and Angelberger, C., **A 3D Modeling of Mixing, Ignition and Combustion Phenomena in Highly Stratified Gasoline Engines**, Oil & Gas Science and Technology – Rev. IFP, Vol. 58, 2003, No. 1, PP. 47-62.
- Colin, O., Benkenida, A., **The 3-Zones Extended Coherent Flame Model (EFCFM3Z) for Computing Premixed/Diffusion Combustion**, Oil & Gas Science and Technology – Rev. IFP, Vol. 59, 2004, No. 6, PP. 593-609

- Colin, O., Pires da Cruz, A., Jay, S., **Detailed chemistry-based auto-ignition model including low temperature phenomena applied to 3-D engine calculations**, Proceedings of the Combustion Institute 30, 2005, 2649-2656
- Curran, H. J., Gaffuri, P., Pitz, W. J., Westbrook, C.K., **A Comprehensive Modeling Study of n-Heptane Oxidation**, Combust. Flame 114 (1998), 149-177
- Cordiner, S., Rocco, V., Scarcelli, R., Gambino, M., Iannaccone, S., **Experiments and Multi-Dimensional Simulation of Dual-Fuel Diesel/Natural Gas Engines**, SAE 2007-24-0124, 2007
- Egúsquiza, J. C. C., **Redução das Emissões em Motores Diesel-Gás**, Rio de Janeiro, 2006, Dissertação de Mestrado – Departamento de Engenharia Mecânica, Pontifícia Universidade Católica do Rio de Janeiro.
- Halstead, M., Kirsh, L., and Quinn, C., **The Autoignition of Hydrocarbon Fuels at High Temperatures and Pressures – Fitting of a Mathematical Model**, Combust. Flame 30 (1977), 45-60
- Heywood, J. B., **Internal Combustion Engine Fundamentals**, McGraw-Hill, 1988
- Hountalas, D.T., Papagiannakis, R. G., **Theoretical and Experimental Investigation of a Direct Injection Dual Fuel Diesel-Natural Gas Engine**, SAE 2002-01-0868, 2002
- Ipiranga, **Gás Natural**. Disponível em <<http://www.ipiranga.com.br/cbpiMenuTexto.jsp?cod=voce,comb,gasnat,pion>>. Acesso em 25/01/2009
- Kalghatgi, G. T., Risberg, P., Angstrom, H.E., **A Method of Defining Ignition Quality of Fuels in HCCI Engines**, SAE 2003-01-1816, 2003
- Kalghatgi, G. T., Head, R. A., **The Available and Required Autoignition Quality of Gasoline-Like Fuels in HCCI Engines at High Temperatures**, SAE 2004-01-1969, 2004
- Karim, G. A., Burn, K. S., **The Combustion of Gaseous Fuels in a Dual Fuel Engine of the Compression Ignition Type With Particular Reference to Cold Intake Temperature Conditions**, SAE 800263, 1980
- Kubesh, J., King, S.R., Liss, W.E., **Effect of Gas Composition on Octane Number of Natural Gas Fuels**, SAE 922359, 1992

- Liu, C., Karim, G. A., Xiao, F., Shrabai, A., **An Experimental and Numerical Investigation of the Combustion Characteristics of a Dual Fuel Engine with a Swirl Chamber**, SAE 2007-01-0615, 2007
- Lutz, A.E., Kee, R.J., Miller, J.A., **Senkin: A Fortran Program for Predicting Homogeneous Gas Phase Chemical Kinetics with Sensitivity Analysis**, Sandia National Laboratories Report No. SAND87-8248, 1988.
- Malenshek, M., Olsen, D. B., **Methane Number Testing of Alternative Gaseous Fuels**, Fuel 88, 2009, 650-656
- Miao, H., Milton, B., **Numerical Simulation of the Gas/Diesel Dual-Fuel Engine In-Cylinder Combustion Process**, Numerical Heat Transfer, Part A, 47: 523-547, 2005
- Pereira, R. H., **Avaliação Experimental e Previsão do Desempenho de Motores Diesel Consumindo Gás Natural**, Rio de Janeiro, 2006, Tese de Doutorado – Departamento de Engenharia Mecânica, Pontifícia Universidade Católica do Rio de Janeiro.
- Pires da Cruz, A., **Three-dimensional modelling of self-ignition in HCCI and conventional Diesel engines**, Combust. Sci. and Tech.,176: 867-887, 2004
- Risberg, P., Kalghatgi, G. T., Angstrom, H.E., **Auto-ignition Quality of Gasoline-Like Fuels in HCCI Engines**, SAE 2003-01-3215, 2003
- Scania, **Scania at fuel conference in London: Ethanol the best alternative fuel for urban transport**, Scania Press Release, 22/03/2006, Suécia.
- Singh, S., Kong, S. C., Reitz, R. D., Krishnan, S. R., Midkiff, K. C., **Modeling and Experiments of Dual-Fuel Engine Combustion and Emissions**, SAE 2004-01-0092, 2004
- Tesarek, H., **Investigations Concerning the Employment Possibilities of the Diesel-Gas Process for Reducing Exhaust Emissions, Especially Soot (Particulate Matters)**, SAE 750158, 1975