

PUBLICATIONS

Commercially published books:

“Gas Usage and Value - The Technology and Economics of Natural Gas Use in the Process Industries”, PennWell Books, Tulsa OK, 2006 ISBN 1-59370-073-3

“Petrochemical Economics - Technology Selection in a Carbon Constrained World,” Imperial College Press, London, 2010, ISBN-13 978-1-84816-534-2

Book Chapters:

D. Seddon "Methanol and dimethylether (DME) production from synthesis gas" in *Advances in clean hydrocarbon fuel processing*, (M.R. Kahn ed.) Woodhead Publishing , 2011

D. Seddon and M, Clarke, "Energy Security in Australia" in *Next Generation Disaster and Security Management*, (Clarke & Griffin eds.), Australian Security Research Centre, 2014

Peer Reviewed Technical Papers

1. Chemistry of π -cyclopentadienyl nitrosyl molybdenum complexes; III, Dichloro and dibromo compounds and their Lewis base adducts.
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3. Electrochemical oxidation of thio-bridged binuclear π -cyclopentadienyl complexes of molybdenum, iron, cobalt, and nickel.
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J. Chem. Soc. Dalton Trans., 1983 (21) 2268
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8. Dicarbonyl η^5 -cyclopentadienylnitrosylmolybdenum and bis (dihalo- η^5 -cyclopentadienylnitrosylmolybdenum) derivatives.
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E.A. Rae, **D. Seddon**, D. Swann, J. Williams
J. Chem. Soc. Dalton Trans., 1979 (11) 1819
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 11. The Effect of Aromatics on Methanol Conversion over Zeolite Catalysts.
J. Mole, J.A. Whiteside, **D. Seddon**.
J. Catal. 1983 (82) 261
 12. The Properties of Magnesium and Zinc Oxide Treated ZSM-5 Catalysts for Conversion of Methanol into Olefin Rich Products.
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 13. The Conversion of Aromatics over Dealuminised Mordenites.
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 16. The Conversion of Natural Gas to Transport Fuels: An Appraisal of Present Technology.
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 18. The Mechanical and Thermal Expansivity of Fu-1 Zeolite Pellets and a Method of Determining the Strength of Pellets under Simulated Full Scale Operation.
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 7. Australian Research on the Conversion of Natural Gas Condensates and LPG into Aromatic Gasoline
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 8. Opportunities and Economics of the Mass Production of Methanol in South East Asia.
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 9. Maximising Profit from LPG Streams
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 10. Offshore Refining: A Cost Effective Approach for Treating Associated Gas
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 11. Technology and Economics of Gas Utilization: Methanol
D. Seddon
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D. Seddon

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Patents and Patent Applications

(Open for Public Inspection)

1. Transalkylation of alkylaromatic hydrocarbons over a silica containing catalyst, Fu-1.
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D. Seddon, T. Mole
AU 8285988 (ICI Australia Ltd and CSIRO)
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Other Publications

Through Hindsford and Duncan Seddon & Associates, I have published the following Monographs and Books.

1. The Conversion of Natural-Gas into Chemicals and Transport Fuels - A Guide to Opportunities in the Australian Region. October 1988
2. The Conversion of Natural-Gas into Chemicals and Transport Fuels - A Guide to Opportunities in Australasia. (2nd. Edition) April 1990
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