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LIST OF PUBLICATIONS

Last update: March 2019

PhD thesis

Probabilistic modeling of oceanic polymetallic nodules orebodies. PhD in Geostatistics, Paris School of Mines. Feb.1989.

Selection of refereed journals and conference proceedings

- J-M. Chautru, E. Chautru, D. Garner, M. Srivastava, J. Yarus (2016)** *Using Spatial Constraints in Clustering for Electrofacies Calculation. (Proc., 10th International Geostatistics Congress, Valencia, Spain, September 2016, Ed.SPRINGER).*
- J-M. Chautru (2015)** *Mapping with auxiliary data of varying accuracy; Poster at EAGE Petroleum Geostatistics, Biarritz, September 2015.*
- J-M. Chautru, R. Meunier, H. Binet, M. Bourges (2015)** *Use of connection constraints for checking and enhancing geological models. Bulletin of Canadian Petroleum Geology, Volume 63, Number 4, Dec. 2015, pp. 358-373.*
- J-M. Chautru, H. Binet, M. Bourges, R. Meunier (2014)** *Conditioning Static Models with Connectivity Information. EAGE 2014, Amsterdam.*
- Al Emadi, J-M. Chautru and al. (2009)* *3D Modeling of the Arab Formation (Maydan Mahzam Field, Offshore Qatar): An Integrated Approach; IPTC 13461, IPTC Doha 2009.*
- B. Carpentier, H. Arab, E. Pluchery, J-M. Chautru (2007)* *Tar mats and residual oil distribution in a giant oil field offshore Abu Dhabi, Journal of Petroleum Science and Engineering 58 (2007) 472-490*
- J-M. Chautru, Arab and Al Emadi (2005)** *An integrated RRT prediction method combining Thin Sections, Sequence Stratigraphy and logs; MEOS 2005 (Bahrain); SPE 93563*
- P. Samson, J-M. Chautru and Al Emadi (1998)* *3D Modeling from Seismic to Fluid Flow Simulation: A Case Study (with P. Samson et al.); SPE Technical conference (New Orleans) 1998; SPE 49293.*



J-M. Chautru and Al Emadi (1992) « HERESIM 3D : Integrating Data and Disciplinaries for Reservoir Characterization ». *Oil and Gas Technology in a wider Europe, 4th EC Symposium, Berlin, November 1992.*

V.Bui-Tram, J.L. Pajon, P. Joseph, **J-M. Chautru** (1991) 3D Reservoir visualization. *J.P.T., November 1991, pp.1310-1314.*

J. Guillard, D. Gerdeaux, **J-M. Chautru** (1990) *The use of geostatistics for abundance estimation by echo integration in lakes: the example of lake Annecy. In: Rapports et proces verbaux des reunions (p. vol. 189; 410-414). DNK : Conseil International pour l'exploration de la mer. <http://prodinra.inra.fr/record/101973>*

J-M. Chautru (1988) *The use of boolean random functions in geostatistics. (Proc., 3rd International Geostatistics Congress, Avignon, France, September 1988, Ed.REIDEL).*

J-M. Chautru (1988) *Regression non-lineaire et simulation de gisements de nodules polymétalliques. Etudes Géostatistiques V – Sci. De la Terre, Sér. Inf., Nancy, 1988, 28, pp. 53 à 63.*

J-M. Chautru, Y. Morel, G. Herrouin (1987) *Geostatistical Simulation of a Commercial Polymetallic Nodule Mining Site; Proc., 20th International Symposium on the Application of Computers and Mathematics in the Mineral Industries, Volume 3: Geostatistics, Johannesburg, SAIMM, 1987, pp. 177-185.*

Oral communications during conferences

F. Geffroy¹, P. Correia, H. Binet, **J.M. Chautru**, D. Renard, N. Nosjean-Gorgeu, *Integration of Fault Location Uncertainty in Time to Depth Conversion, Geovariances, Mines ParisTech, Neptune Energy. EAGE 2019*

J.M. Chautru, T. Romary, M. Bourges, H. Binet, *Geovariances, Mines, ParisTec, Geostatistical Electrofacies calculation in non-stationary cases. EAGE 2019*

J.M. Chautru, N. Nosjean-Gorgeu, D. Renard, H. Binet, P. Correia (2018) *A Case Study of A New Time-Depth Conversion Workflow Designed For Optimizing Recovery. EAGE, ECMOR 2018, P068*

J-M. Chautru (2017) *Combining seismic and petrophysics to improve facies proportions modeling: Presentation at workshop 07, EAGE 2017, Paris.*

J-M. Chautru (2014) *Use of Connectivity Criteria for Checking and Enhancing Geological Models: Presentation at CSPG Gussow Geoscience Conference 2014, Banff.*

J-M. Chautru (2013) *Workflows adapted to Giant Fields Models update: Presentation at SEG SPE Applied Technology Workshop: Giant Fields Monitoring – Are we Doing It right? (Dubai, 2013).*

