



Tony Doré, PhD

GLOBAL CHIEF SCIENTIST

Senior Advisor to the Director

Recently retired from Equinor (formerly Statoil), Tony Doré obtained his PhD from University College London and joined the petroleum industry in 1977. He has held senior technical and leadership positions with Equinor (Statoil) for 20 years, including VP Exploration Americas (2002-2008) and VP North America (2008-2011), and is currently based in London.

He has worked petroleum provinces all over the world, with emphasis on NW Europe, the Arctic and the Americas. His achievements include major oil and gas discoveries in Norway, Brazil, Gulf of Mexico and Canada.

Tony has published on stratigraphy, NE Atlantic–Arctic evolution, basement reactivation, basin modelling, passive margin structure, transform margins, hyperextension, exhumed petroleum systems, and exploration risk analysis. He has edited books on basin modelling, resource quantification and passive margins.

He was Editor-in-Chief of the Journal of Petroleum Geoscience between 2006 and 2009, and chairman of the Geological Society Petroleum Group 2001-2003; chaired the 2003 Petroleum Geology of NW Europe conference and edited the subsequent proceedings (2005).

Tony serves on the advisory boards of several universities and currently holds an Honorary Professorship at Durham University.

His awards include the Petroleum Group Medal (2006), Order of the British Empire (OBE) in 2010 for services to geology, the AAPG Special Award, (2011), the William Smith Medal of the Geological Society (2015), Doctor of Science honoris causa Durham University (2016) and Lifetime Achievement Award from the Petroleum Group of the Geological Society, 2017.

Recent Publications

Doré, A.G., Lundin, E.R., Gibbons, A., Sømme, T. O & Tørudbakken, B.O. 2015. Transform margins of the Arctic: a synthesis and re-evaluation. In: Nemčok, M., Rybár, S., Sinha, S., Hermeston, S.A. & Ledvényiová, L. (eds.) *Transform Margins: Development, Controls, and Petroleum Systems*. Geological Society Special Publication. 431, 32 pp.

Lundin, E.R. & **Doré, A.G.** 2017. The Gulf of Mexico and Canada Basin: Genetic siblings on either side of North America. *GSA Today*, 27, 1, 4-11. Geological Society of America.

Lundin, E.R. & **Doré, A.G.** 2018. Non-Wilsonian break-up, pre-disposed by transforms: examples from the North Atlantic and Arctic. In: Wilson, R. W., Houseman, G. A., McCaffrey, K. J. W., Doré, A.G. & Buiter, S. J. H. (eds) *Fifty Years of the Wilson Cycle Concept in Plate Tectonics*. Geological Society, London, Special Publications, 470. Online First, 18 pp.

Sømme, T.O., **Doré, A.G.**, Lundin, E.R. & Tørudbakken, B.O. 2018. Triassic-Paleogene paleogeography of the Arctic : implications for sediment routing and basin fill. *American Association of Petroleum Geologists Bulletin* 102 (12), 2481-2517.

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Research Interests

- Petroleum geology
- Regional geology, particularly of passive margins
- Hyperextended margins
- Basement reactivation
- Cratonic basins
- Petroleum systems of exhumed basins

Business Interests

- Prospect and play generation
- Commercial negotiation in the exploration domain
- Economics
- Future energy supply

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