

Curriculum Vitae

Name: Jacob Cornelis Mondt
Address: Drontermeerlaan 31, 2317 GH Leiden

Education and Employment History:

1959-1964: Secondary school (HBS) 's-Gravenhage
1964-1965: Lakeview High School, Battle Creek, USA
1965-1968: University Leiden: Bachelors Geology
1968-1972: University Utrecht: Masters Geophysics
1972-1977: University Utrecht: Ph.D. "Full wave theory and the structure of the lower mantle"
1977-1982: Shell Research: Interpretation Research, with emphasis on lithology and fluid prediction.
1982-1985: Shell Expro, Londen: Interpretation Central Northsea area, including visits to rigs and platforms for acquisition and interpretation of Vertical Seismic Profiles
1985-1988: Shell Research: Seismic Data processing, head of a team of geophysicists for the evaluation of new processing methods for land and marine data.
1988-1991: Shell Research: Interpretation methods, head of an interdisciplinary team for the development of interactive workstation methods
1991- 1995: SIPM: Evaluation of Contractor Seismic data processing
1995- 2001: Shell Learning Centre Noordwijkerhout: Course Director Geophysics
2001- 2007: SIEP: Potential Field Methods: Geophysical Advisor
2007- : Independent contractor (Breakaway) giving Geophysics Courses

Website: www.breakawaylearning.nl

Additional activities:

Contributions to internal Shell courses related to interpretation and processing of seismic data
Member of EAEG, EAPG, SEG, PGK

External publications:

- Mondt, J.C.(1977), Full wave theory and the structure of the lower mantle, Proefschrift
- Mondt, J.C.(1977), SH-waves: theory and observations for epicentral distances greater than 90 degrees, Phys. Earth. Planet. Inter.15, 46-59.
- Doornbos, D.J. and Mondt, J.C.(1979), Attenuation of P and S waves diffracted around the core, Geophys. J. R. astr. Soc. 57, 353-379
- Doornbos, D.J. and Mondt, J.C.(1979), P and S waves diffracted around the core and the velocity structure at the base of the mantle, Geophys. J. R. astr. Soc. 57, 381-395.
- Mondt, J.C. and Pootjes, H.J.(1980), A comparison of the reflectivity method and full wave theory as applied to SH diffraction around the core, Pageoph, Vol 118,1227-1231.
- Mondt, J.C.(1990), Horizon processing in 3-D seismic interpretation, The European Oil and Gas Conference, Sicily, Italy
- Mondt, J.C.(1990), The use of dip and azimuth horizon attributes in 3-D seismic interpretation, European Petroleum Conference, The Hague
- Richwalski, S, Roy Chowdhury, K and Mondt, J.C., Practical aspects of wavefield separation of two-component surface seismic data based on polarisation and slowness estimates. Geophysical Prospecting, V48, N.4, 697-722, July 2000.
- Richwalski, S, Roy Chowdhury, K and Mondt, J.C. Multi-component wavefield separation applied to high-resolution surface seismic data. S. Richwalski, K. Roy Chowdhury and J.C. Mondt, Submitted to Applied Geophysics
- Smit, Dirk, Biegert, Ed, and Mondt, Jaap [2003], Advances in Subsurface Imaging using Potential Field Technology: Gravimetry Sensors and Applications, Barbican Conference, London.

Hobby's:

Cycling, walking, jogging, camping, sailing, skiing, travelling, reading