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Education: PhD., University of Geneva

Research areas:

My current activity in SSR ([Schlumberger Stavanger Research](#)) comprehends seismic interpretation, structural analysis, reservoir characterisation and inversion from 4D and 4C seismic data, automated seismic stratigraphy and seismic to simulation workflows in connection with two EU funded research projects.

Selection of papers/publications related to carbonates:

Carrillat A., Hunt D., Randen T., Sonneland L., & Elvebakk G. (2004, in press) Automated Mapping of Carbonate Buildups and Paleokarst from the Norwegian Barents Sea Using 3D Seismic Texture Attributes. Proceedings of the 6th Petroleum Geology Conference, London, October 2003.

Carrillat A., Randen T., Sonneland L., & Elvebakk G. (2002) "Automated Mapping of Carbonate Mounds Using 3D Seismic Texture Attributes", SEG International Exposition and 72nd Annual Meeting, Salt Lake City, 6-11 Oct. 2002..

Carrillat A., Randen T., Sonneland L., & Elvebakk G. (2002) "Seismic Stratigraphic Mapping of Carbonate Mounds Using 3D Texture Attributes", 64th EAGE, Florence, 2002.

Carrillat A., Abate B., Martini R., & Zaninetti L. (2002) "Forward 3D Chronostratigraphic Modelling of the Mufara Formation (Middle-Upper Triassic, Sicily) Resolving Uncertainty of Field Paradigm?" Abstract, 16th International Sedimentological Congress, Rand Afrikaans University, Johannesburg, South Africa, p. 51-52.

Burrati N. & Carrillat A. (2002) "Palynostratigraphy of the Mufara Formation (Upper Triassic, Sicily)". *Rivista Italiana di Paleontologia e Stratigrafia*. Volume 108, n.1, pp. 101-117.

Carrillat A. (2001) "Palaeoenvironmental reconstruction of the Mufara Formation (Upper Triassic, Sicily): biostratigraphy, organic facies, sedimentological and geochemical approach". *Terre & Environnement*. Volume 27, xii + 269 pp.

Carrillat A., Gandin A., Martini R. & Oggiano G. (1999) "Stratigraphic reconstruction and tectonic structures of the Triassic sequence of Monte Santa Giusta (Nurra) MW Sardinia, Italy", International Field Conference on: The Continental Permian of the Southern Alps and Sardinia (Italy). Brescia, September 15-25, 1999.

Carrillat A., Caline B. & Davaud E. (1999) "Prediction of Poroperm Properties from Rock Fabric in a Nummulite Carbonate Reservoir (El Gueria Fm., Offshore Libya)", 11th Bathurst Meeting, July 1999, Univ. Cambridge, Journal of conference abstracts, Volume 4(2), p. 907.

Carrillat A., Martini R., Zaninetti L., Gandin A., Cirilli S., & Vrielynck, B. (1999) "The Triassic carbonate series of the Monte di Santa Giusta (NW Sardinia) : sedimentology, stratigraphy and micropaleontology", *Eclogae Geologicae Helveticae*, 92, pp. 81-97.
