

CURRICULUM VITAE

Jérôme Dyment

Present position: Senior Researcher at *Centre National de la Recherche Scientifique (CNRS)*
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1) Career

2007-now	Senior Researcher	CNRS, IPGP, Paris, France
2002-2007	Researcher	CNRS, IPGP, Paris, France
1993-2002	Researcher	CNRS, UBO, Brest, France
1993-1994	NSERC Post-Doct. Fellow	McGill Univ., Montreal, Canada
1992	Post-Doct. Visiting Scientist	Lamont Doherty Geological Observatory, USA
1986-1992	PhD Student	CNRS, IPGS, Strasbourg, France
1986-1987	Engineer trainee (3 rd year)	IFP, Rueil Malmaison & IFREMER, Brest, France
1983-1986	Engineer and MSc Student	CNRS, IPGS, Strasbourg, France

2) Field experience

Participation to 20 geophysical cruises, including

1998	Cruise Magofond 2 of R/V Marion-Dufresne on the Central Indian Ridge, <u>as Chief Scientist</u>
2000	Cruise Gimnaut of R/V L'Atalante and Submersible Nautile on the Central Indian Ridge, <u>as Chief Scientist</u>
2005	Cruise Magofond 3 of R/V Suroit on the Cretaceous Quiet Zone off Africa, <u>as Chief Scientist</u>
2008	Cruise MomarDream of R/V L'Atalante and ROV Victor on hydrothermal site Rainbow, <u>as Chief Scientist</u>
2008	Cruise Magofond 3b of R/V Suroit on the Cretaceous Quiet Zone off Africa, <u>as Chief Scientist</u>
2010	Cruise Parisub of R/V L'Atalante and Deep-Sea Submersible Nautile on the East Pacific Rise, 16°N
2010	Cruise Futuna of R/V L'Atalante and Deep-Sea Submersible Nautile in the French EEZ around Futuna
2012	Cruise Tact of R/V L'Astrolabe between Australia and Antarctica, <u>as Chief Scientist</u>
2012	Cruise Futuna 3 of R/V L'Atalante and Deep-Sea Submersible Nautile in the French EEZ around Futuna
2012	Cruise Rhum-Rum 1 of R/V Marion Dufresne around Reunion Island
2013	Cruise Rhum-Rum 2 of R/V Meteor around Reunion Island
2016	Cruise Tact2 of R/V L'Astrolabe between Australia and Antarctica, <u>as Chief Scientist</u>
2017	Cruise Magofond 4 Legs 1 and 2 on the Cretaceous Quiet Zone in the SW Indian Ocean, <u>as Chief Scientist</u>

3) Recent international academic collaborations

University of Tokyo (K. Okino), University of Kobe (N. Seama), National Institute for Polar Research (Y. Nogi), Geological Survey of Japan (T. Sato) in Japan.

National Institute of Oceanography (G.C. Bhattacharya, A.K. Chaubey, Yatheesh V.) in India.

Seoul National University (S.M. Lee), Chungnam National University (S.S. Kim) in Korea.

Scripps Institution of Oceanography (S.C. Cande), Lamont Doherty Earth Observatory (A. Malinverno) in the US

Mauritius Oceanography Institute (D. Bissessur) in Mauritius

Ben Gurion University (R. Granot) in Israel

and many others...

4) Teaching / research supervision

Supervision: I have been / I am the main supervisor for 9 Ph.D. students (7 thesis defended so far)
I have been co-supervisor for 5 Ph.D. students (all defended)
Teaching 20 hr/yr (Geodynamics, Marine geosciences) at M.Sc. level.

5) Present or recent responsibilities

- **local**

Head of the Marine Geoscience Team, *Institut de Physique du Globe de Paris* (2013-2016)

- **national**

Assistant to the Vice Director for Earth Science, CNRS-INSU, in charge of Marine Geosciences (2006-2011)
President of the French National Committee of Geodesy and Geophysics (correspondent of IUGG) (2010-2014)
Vice-President of the National Oceanographic Fleet Evaluation Committee (2011-2015)

- **international**

Co-Chair of the InterRidge Program (2016-)
Chair of the IAGA - CGMW Task Force of the World Digital Magnetic Anomaly Map (2013-)

6) Awards

1992 Young Scientist's Publication Award (Solid Earth) of the European Geophysical Society
1993 International Fellowship of the National Science & Engineering Research Council, Canada
1996 Invitation Fellowship of the Japan Society for the Promotion of Science

7) Selected publications

10 recent publications selected on a list of more than 70 international publications

- DYMENT, J., LIN, J. & BAKER, E.T., 2007** - Ridge-hotspot interactions - How mid-ocean ridges tell us about deep Earth processes. *Oceanography*, 20 (1), 102-114.
- *HONSHO, C., **DYMENT, J.**, TAMAKI, K., RAVILLY, M., HOREN, H., GENTE, P., 2009 - Magnetic structure of a slow-spreading ridge segment: insights from near-bottom magnetic measurements onboard a submersible, *J. Geophys. Res.*, 114, B05101, doi:10.1029/2008JB005915.
- **GRANOT, R., **DYMENT, J.** & GALLET, Y., 2012 - The geomagnetic field during the Cretaceous Normal superchron from marine magnetic anomalies, *Nature Geosciences*, 5, 3, 220-223, DOI: 10.1038/NNGEO1404.
- *JACOB, J., **DYMENT, J.** & YATHEESH, V., 2014 - Revisiting the structure, age and evolution of the Wharton Basin to better understand subduction under Indonesia, *J. Geophys. Res.*, 119, 169-190, doi:10.1002/2013JB010285..
- *SZITKAR, F., **DYMENT, J.**, CHOI, Y. & FOUQUET, Y., 2014 - What causes low magnetization at basalt-hosted hydrothermal sites? Insights from inactive site Krasnov (MAR 16°38'N), *Geochem. Geophys. Geosyst.*, 15, 1441-1451, doi: 10.1002/2014GC005284.
- *SZITKAR, F., **DYMENT, J.**, FOUQUET, Y., HONSHO, C. & HOREN, H., 2014 - The magnetic signature of ultramafic-hosted hydrothermal sites, *Geology*, 42, 715-718, doi:10.1130/G35729.1.
- **SZITKAR, F. & **DYMENT, J.**, 2015 - Near-seafloor magnetics reveal tectonic rotation and deep structure at the TAG (Trans-Atlantic Geotraverse) hydrothermal site (Mid-Atlantic Ridge, 26°N), *Geology*, 43, 87-90, doi: 10.1130/G36086.1.
- GRANOT, R. & **DYMENT, J.**, 2015 - The Cretaceous opening of the South Atlantic Ocean. *Earth Planet. Sci. Lett.*, 414, 156-163.
- DYMENT, J.**, CHOI, Y., HAMOUDI, M., LESUR, V. & THEBAULT, E., 2015 - Global equivalent magnetization of the oceanic lithosphere, *Earth Planet. Sci. Lett.*, 430, 54-65, doi:10.1016/j.epsl.2015.08.002.
- **SZITKAR, F., **DYMENT, J.**, LE SAOUT, M., HONSHO, C. & GENTE, P., 2016 - Dyking at EPR 16°N hypermagmatic ridge segment: insights from near-seafloor magnetics, *Earth Planet. Sci. Lett.*, 453, 288-297, doi:10.1016/j.epsl.2016.08.020.
- * Doctoral students under my supervision at the time of the publication
** Post-doctoral fellows under my supervision at the time of the publication