

## **Dr Stéphanie DESPRAT**

**Maître de conférences (Lecturer)**

**EPHE**

**UMR-CNRS 5805 EPOC**

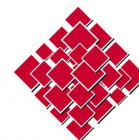
**University of Bordeaux**

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**École Pratique  
des Hautes Études**



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## **Research Interests**

Paleoclimates - European and North American vegetation history – Palynology – Direct land-sea correlation – Orbital and millennial climate variability – Quaternary.

## **Education**

2005 Ph.D. in Oceanography-Paleoceanography, University Bordeaux 1 (France)

2001 DEA (~M. Sc.) in Oceanic and Coastal Environments and Paleoenvironments, Univ. Bordeaux 1 (France)

## **Professional Experience**

Since 2009 **Lecturer, Ecole Pratique des Hautes Etudes, EPOC, University of Bordeaux (France)**

2008-2009 **Post-doc, Laboratoire des Sciences du Climat et l'Environnement (France), Project:** Holocene vegetation variability in Central Mediterranean (funded by the ANR-LAMA, M. Magny & N. Nebout)

2006-2008 **Comer Postdoctoral Scholar, Woods Hole Oceanographic Institution (Woods Hole; MA USA), Project:** Vegetation evolution in southeastern United States during the last 20 kyr directly correlated to subtropical North Atlantic changes. (*Advisor:* J. McManus)

2006 **CNRS and University Bordeaux 1 Research Fellow (EPOC), Project:** Vegetation changes during MIS5 in SW France (funded by the CNRS project PICC, V. Masson-Delmotte & E. Cortijo)

2004-2005 **ATER (~Temporary Research and teaching position, EPHE – EPOC, University Bordeaux 1)**

2001-2005 **PhD, EPOC (University Bordeaux 1), Thesis project:** Continental and marine climatic responses of SW Europe during interglacial periods and glacial inceptions of the last 450,000 years. (*Advisors:* M.F. Sánchez Goñi & J.L. Turon)

## **Grants and Awards**

2006 **Comer postdoctoral fellowship (Comer Science and Education Foundation)**

2005 **APLF PhD award 2005 (Association of French-speaking palynologists)**

2001 **ESF conference grant (European Science Foundation)**

2001 **French Ministry for Education and Research PhD fellowship**

## **Research Activities**

### **RESEARCH PROJECTS**

Funding organization	Project name	PI	Dates
INSU - IMAGO	<b>PuLSE</b> ( <i>Understanding Paleoenvironmental instabilities in the Southwestern European region</i> )	S. Desprat	2015
EPHE	<i>Pollen identification of Pinus and Ericaceae species</i>	S. Desprat	2014
INSU - IMAGO	<b>WarmClim</b> ( <i>Understanding warm periods by integrating North Atlantic land-sea-ice palaeoclimatic records with inverse modelling</i> )	M.F. Sanchez Goñi	2013-2016
INSU	<i>Projet INSU post-campagne expédition IODP 339</i>	E. Ducassou	2013-2014
FCT	<b>CLIMHOL</b> ( <i>Holocene climatic variability in the North Atlantic and adjacent landmasses: land-sea direct correlation</i> )	F. Naughton	2010-2013
ANR	<b>LAMA</b> ( <i>Holocene changes in environment and climate, and history of human societies in Central Mediterranean as reflected by LAke and MArine records</i> )	M. Magny	2008-2011

#### MANAGEMENT COMMITTEE MEMBER

- Since 2013 **Elected member of the APLF** (French association of palynology) management committee  
Since 2012 **International Federation of Palynological Societies (IFPS)** councillor  
2010-2014 **COST Action ES0907 (European Science Foundation and Technology)**

#### CONFERENCE SESSION ORGANIZATION

- INQUA 2015** (Nagoya, Japon): *The ACER IFG initiative*  
**RST 2014** (Pau, France): *Variabilité climatique au Cénozoïque*  
**AGU Fall Meeting 2013** (San Francisco, USA): *Beyond the last glacial period: characteristics, impacts and forcing of millennial-scale climate variability*  
**PAGES 4th Open Science Meeting 2013** (Goa, Inde): *Past warm periods informing the Anthropocene*  
**AGU Fall Meeting 2010** (San Francisco, USA): *Interglacial climate variability*

#### WORKING GROUP MEMBER

- Since 2008 **ACER (Abrupt Climate Changes and Environmental Responses), INQUA International Focus Group**  
2007-2014 **INTIMATE** (INTEgration of Ice-core, Marine And TerrEstrial records), project of the INQUA *Paleoclimate* Commission, **Action COST** from 2010  
2001-2008 **Marine Isotope Stage 11**, project of the INQUA *Paleoclimate* Commission

#### REFeree FOR INTERNATIONAL JOURNALS (last 6 years)

Nature communications - Paleoceanography - Geology - Climate of the Past - Earth and Planetary Science Letters - Quaternary Science Reviews - Palaeogeography, Palaeoclimatology, Palaeoecology - Quaternary Research - Review of Palaeobotany and Palynology - Marine Micropaleontology - Quaternary International

#### Publications and Communications in International and National Conferences

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#### REFEREED PUBLICATIONS

##### 2015

- Desprat S.**, Díaz Fernández P.M., Coulon T., Ezzat L., Pessarossi-Langlois J., Gil L., Morales-Molino C., Sánchez Goñi M.F. (2015). *Pinus nigra* (European black pine) as the dominant species of the last glacial pinewoods in southwestern to central Iberia – A morphological study of modern and fossil pollen, *Journal of Biogeography*, doi: 10.1111/jbi.12566.
- Naughton F., Keigwin L., Peteet D., Costas S., **Desprat S.**, Oliveira D., de Vernal A., Voelker A., Abrantes F. (2015). A 12000-yr pollen record off Cape Hatteras - Pollen sources and mechanisms of pollen dispersion. *Marine Geology*, 367, p. 118-119.
- Naughton F., Sanchez Goñi M. F., Rodrigues T., Salgueiro E., Costas S., **Desprat S.**, Duprat J., Michel E., Rossignol L., Zaragosi S., Voelker A. H. L., and Abrantes F. (2015, in press). Climate variability across the last deglaciation in NW Iberia and its margin. *Quaternary International*.
- Eynaud F., Penaud A., Londeix L., Sanchez Goñi M.A., Oliveira D., **Desprat S.**, Turon J.L. (in press) Dinoflagellate cyst population evolution throughout past interglacials: key features along the Iberian margin and insights from the new IODP Site U1385 (Exp 339), *Global and Planetary Change*.

##### 2014

- Chabaud L., Sánchez Goñi M.F., **Desprat S.**, Rossignol L. (2014), Land-sea climatic variability in the eastern North Atlantic subtropical region over the last 14,200 years: atmospheric and oceanic processes at different timescales, *The Holocene*, doi: 10.1177/0959683614530439.

##### 2013

- Magny M., Combourieu-Nebout N., de Beaulieu J.L., Bout-Roumzeilles V., Colombaroli D., **Desprat S.**, Francke A., Joannin S., Ortu E., Peyron O., Revel M., Sadori L., Siani G., Sicre M.A., Samartin S., Simonneau A., Tinner W., Vannièrè B., Wagner B., Zanchetta G., Anselmetti F., Brugiapaglia E., Chapron E., Debret M., Desmet M., Didier J., Essallami L., Galop D., Gilli A., Haas J.N., Kallel N., Millet L., Stock A., Turon J.L., Wirth S.: North-South palaeohydrological contrasts in the central Mediterranean during the Holocene: tentative synthesis and working hypotheses, *Climate of the Past*, 9, 2043-2071.
- Desprat S.**, Combourieu-Nebout N., Essallami L., Sicre M. A., Dormoy I., Peyron O., Siani G., Bout Roumzeilles V., Turon J. L., 2013. Deglacial and Holocene vegetation and climatic changes in the southern Central Mediterranean from a direct land–sea correlation. *Climate of the Past*, 9, 767-787.
- Bout-Roumzeilles V., Combourieu-Nebout N., **Desprat S.**, Siani G., Turon J.-L., Essallami L., 2013. Tracking atmospheric and riverine terrigenous supplies variability during the last glacial and the Holocene in central Mediterranean. *Climate of the Past*, 9, 1065-1087.

Daniau A.L., Sánchez Goñi M.F., Martínez P., Urrego D.H., Bout-Roumzeilles V., **Desprat S.**, Marlon J.R., 2013. Orbital-scale climate forcing of grassland burning in southern Africa. *Proceedings of the National Academy of Science*, doi:0.1073/pnas.1214292110.

Viveen W., Schoorl J.M., Veldkamp A., van Balen R.T., **Desprat S.**, Vidal-Romani J.R., 2013. Reconstructing the interacting effects of base level, climate, and tectonic uplift in the lower Miño River terrace record: A gradient modelling evaluation. *Geomorphology* 186, 96-118.

#### 2012

Sanchez Goñi M.F., Bakker P., **Desprat S.**, Carlson A.E., Van Meerbeeck C.J., Peyron O., Naughton F., Fletcher W.J., Eynaud F., Rossignol L., Renssen H., 2012. European climate optimum and enhanced Greenland melt during the last interglacial. *Geology* 40 (7), 627-630.

#### 2010

Jiménez-Moreno G., Anderson R.S., **Desprat S.**, Grigg L.D., Grimm E.C., Heusser L.E., Jacobs B.F., López-Martínez C., Whitlock C.L., Willard D.A., 2010. Millennial-scale variability during the last glacial in vegetation records from North America. *Quaternary Science Reviews* 29 (21-22), 2865-2881.

Landais A., Dreyfus G., Capron E., Masson-Delmotte V., Sanchez Goñi M.F., **Desprat S.**, Hoffmann G., Jouzel J., Leuenberger M., Johnsen S., 2010. What drives the millennial and orbital variations of  $\delta^{18}\text{O}_{\text{atm}}$ ? *Quaternary Science Reviews* 29 (1-2), 235-246.

#### 2009

**Desprat S.**, Sánchez Goñi M.F., McManus J.F., Duprat J., Cortijo E., 2009. Millennial-scale climatic variability between 340 000 and 270 000 years ago in SW Europe: evidence from a NW Iberian margin pollen sequence, *Climate of the Past* 5, 53-72.

Combourieu Nebout N., Peyron O., Dormoy I., **Desprat S.**, Beaudouin C., Kotthoff U., Marret F., 2009. Rapid climatic variability in the west Mediterranean during the last 25 000 years from high resolution pollen data, *Climate of the Past* 5, 503-521.

Naughton F., Sánchez Goñi M. F., Kageyama M., **Desprat S.**, Bard E., Duprat J., Cortijo E., Malaizé B., Joly C., F. Rostek, Turon J.L., 2009. Wet to dry climatic trend in north western Iberia within Heinrich events, *Earth and Planetary Science Letters* 284, 329-342.

#### 2008

Sánchez Goñi M. F., Landais A., Fletcher W., Naughton F., **Desprat S.**, Duprat J., 2008. Contrasting impacts of Dansgaard-Oeschger events over a western European latitudinal transect modulated by orbital parameters. *Quaternary Science Reviews* 27, 1136-1151 & 1789.

#### 2007

**Desprat S.**, Sánchez Goñi M.F., Naughton F., Turon J.-L., Duprat J., Malaizé B., Peypouquet J.-P., 2007. Climate variability of the last five isotopic interglacials: Direct Land-Sea-Ice Correlation from the Multiproxy Analysis of North-Western Iberian Margin Deep-Sea Cores, *In*: Sirocko F., Claussen M., Sánchez Goñi M.F. & Litt T. (eds.), *The climate of past interglacials*, Elsevier, 375-386.

Loutre M.F., Berger A., Crucifix M., **Desprat S.** and Sánchez Goñi M.F., 2007. Interglacials as simulated by MoBidiC and the LLN 2-D climate models, *In*: Sirocko F., Claussen M., Sánchez Goñi M.F. & Litt T. (eds.), *The climate of past interglacials*, Elsevier, 547-561.

Sirocko F., Claussen M., Litt T., Sánchez Goñi M.F., Berger A., Boettger T., Diehl M., **Desprat S.**, Delmonte B., Degering D., Frechen M., A. Geyh M., Groeger M., Kageyama M., Kaspar F., Kühl N., Kubatzki C., Lohmann G., Loutre M.F., Müller U., Rein B., Rosendahl W., Roucoux K., Rousseau D.D., Seelos K., Siddall M., Scholz D., Spötl C., Urban B., Vautravers M., Velichko A., Wenzel S., Widmann M., Wünnemann B., 2007. Chronology and climate forcing of the last four interglacials, *In*: Sirocko F., Claussen M., Sánchez Goñi M.F. & Litt T. (eds.), *The climate of past interglacials*, Elsevier 597-614.

Naughton F., Sánchez Goñi M.F., **Desprat S.**, Turon J.-L., Duprat J., Malaizé B., Joli C., Cortijo E., Drago T., Freitas M.C., 2007. Present-day and past (last 25000 years) marine pollen signal off western Iberia, *Marine Micropaleontology* 62, 97-114.

#### 2006

**Desprat S.**, Sánchez Goñi M.F., Turon J.-L., Duprat J., Malaizé B., Peypouquet J.-P. (2006). Climatic variability of Marine Isotope Stage 7: direct land-sea-ice correlation from a multiproxy analysis of a northwestern Iberian margin deep-sea core, *Quaternary Science Reviews* 25, p. 1010-1026.

#### 2005

**Desprat S.**, Sánchez Goñi M.F., Turon J.-L., McManus J.F., Loutre M.F., Duprat J., Malaizé B., Peyron O., Peypouquet J.-P. (2005). Is vegetation responsible for glacial inception during periods of muted insolation changes? *Quaternary Science Reviews* 24, p. 1361-1374.

#### 2003

**Desprat S.**, Sánchez Goñi M.F., Loutre M.F. (2003). Revealing climatic variability of the last three millennia in northwestern Iberia using pollen influx data, *Earth and Planetary Science Letters* 213, p. 63-78.

## INVITED & SOLICITED SEMINARS AND CONFERENCES

Colloque Q10 AFEQ-CNF INQUA 2016, Février 2016  
Journée Société Géologique de France/AFEQ-CNF INQUA, Paris (France), November 2014  
ClimHOL Workshop, Lisbon (Portugal), September 2013  
Journées transversales de l'ED EPHE, Paris, May 2011  
IODP Workshop Assessing the history of the Greenland ice sheet, Corvallis (USA), November, 2011  
LAMA Workshop, Fréjus (France), March 2011  
Journées de l'AFEQ, Paris (France), December 2009  
BPE/LDEO seminar series, Lamont Doherty Earth Observatory (New York NY, USA), September 2008  
Geology and Geophysics department talk, Woods Hole Oceanographic Institution (USA), July 2008  
WHOI Paleolunch seminars, Woods Hole Oceanographic Institution (USA), June 2008  
ESH (Earth System History) seminars, Brown University (USA), April 2008

## COMMUNICATIONS IN INTERNATIONAL CONFERENCES (last 6 years)

### \*Oral communications:

- S. Desprat**, G. Guilhem, M.F. Sánchez Goñi, D.A. Hodell. XIX INQUA 2015, Nagoya( Japan), July–August 2015. No premature ending of the terrestrial interglacial during MIS9e in southwestern Europe
- D. Oliveira, **S. Desprat**, T. Rodrigues, F. Naughton, D. Hodell, R. Trigo, A.-L. Daniau, F. Eynaud, F. Abrantes, M.F. Sánchez Goñi. XIX INQUA 2015, Nagoya( Japan), July–August 2015. New insights on MIS 11 climate changes at millennial time scale in southwestern Europe.
- M.F. Sánchez Goñi, T. Rodrigues, **S. Desprat**, D. Oliveira, G. Guillem, A.-L. Daniau, E. Ducassou, F. Eynaud, D.A. Hodell. **XIX INQUA 2015**, Nagoya( Japan), July–August 2015. Southwestern European climate response to the contrasting interglacials of the last 800,000 years.
- M.F. Sánchez Goñi, **S. Desprat**, D. Oliveira, T. Rodrigues, D. Hodell and IODP Expedition 339 Scientists. , **UNESCO Milankovitch Symposium**, Belgrade (Serbia), September 2014. Western Mediterranean vegetation response to contrasting interglacials of the last 1 million years: a focus on MIS 19.
- S. Desprat**, T. Rodrigues, L. Rossignol. **AGU Fall meeting 2013**, San Francisco (USA), December 2013. Millennial-scale climatic changes during MIS 11 in SW Europe: Linkages with eastern North Atlantic hydrological changes.
- S. Desprat**, P.M. Díaz Fernández, M.F. Sánchez Goñi, L.A. Gil Sánchez, T. Coulon, T. Ezzat, J. Pessarossi-Langlois, L. Devaux. **2nd International APLE-APLF Congress**, Madrid (Spain), September 2013. Progress in the identification of *Pinus* pollen grains at a specific level in the Iberian Peninsula records.
- O. Peyron , N. Combourieu-Nebout , S. Goring , D. Brayshaw , M. Magny , I. Dormoy , S. Joannin , J.-L. de Beaulieu , E. Brugiapaglia, **S. Desprat** , W. Fletcher , U. Kotthoff , K. Kouli , J. Pross , L. Sadori , M.F. Sánchez-Goñi. **2nd International APLE-APLF Congress**, Madrid (Spain), September 2013. The climate of the Mediterranean basin during the Holocene from terrestrial and marine pollen data.
- M.F. Sánchez Goñi, P. Bakker, **S. Desprat**, A.E. Carlson, C.J. Van Meerbeeck, O. Peyron, F. Naughton, W.J. Fletcher, F. Eynaud, L. Rossignol, H. Renssen. **2nd International APLE-APLF Congress**, Madrid (Spain), September 2013. European climate optimum and enhanced Greenland melt during the Last Interglacial.
- O. Peyron, M. Magny , N. Combourieu-Nebout , S. Goring , D. Brayshaw , S. Joannin , K. Kouli , J.-L. de Beaulieu , E. Brugiapaglia, U. Kotthoff , J. Pross , L. Sadori , W. Fletcher, **S. Desprat**. **European Geosciences Union (EGU) General Assembly 2013**, Vienne (Austria), April 2013. Quantitative reconstruction of the Holocene climate in the Mediterranean basin inferred from marine and continental pollen records.
- F. Naughton, M.F. Sánchez Goñi, J. Duprat, E. Cortijo, **S. Desprat**, F. Abrantes. **7th Symposium on the Atlantic Iberian Margin (MIA 2012)**, Lisbon (Portugal), December 2012. Climate variability during the last glacial-interglacial transition and Holocene in northwestern Iberian margin and adjacent landmasses.
- S. Desprat**, M. F. Sanchez Goñi, B. Malaizé, L. Rossignol. **IPC XIII/IOPC IX**, Tokyo (Japan), August 2012. Millennial-scale vegetation and climatic variability during past interglacials in NW Iberia - A focus on MIS 9 & 11.
- M.F. Sánchez Goñi, P. Bakker, **S. Desprat**, A.E. Carlson, C. Van Meerbeeck, O. Peyron , F. Naughton, W.J. Fletcher, F. Eynaud, L. Rossignol, H. Renssen. **XVIII INQUA Congress**, Berne (Switzerland), July 2011. Greenland Ice Sheet melt, changes in oceanic circulation and European climate during the Last Interglacial.
- S. Desprat**, N. Combourieu Nebout, L. Essallami, I. Rouis Zargouni, M.A. Sicre, J. Turon, F. Dewilde, G. Siani. **MedCLIVAR Final Conference: "Mediterranean Climate: From Past to Future"**, June 2011, Lecce (Italy). Holocene vegetation and marine environment variability in Central Mediterranean from a direct land-sea correlation.
- M. Sanchez Goñi, E. Michel, **S. Desprat (speaker)**, A. E. Carlson, F. Naughton, W. J. Fletcher, L. Rossignol. **AGU Fall meeting 2010**, San Francisco (USA), December 2010. European warming linked to Greenland melting during the Last Interglacial North Atlantic climate optimum.

### \*Posters

- M.F. Sanchez Goñi, A.-L. Daniau, **S. Desprat**, F. Bassinot, M. Blaauw, S. Harrison. XIX INQUA 2015, Nagoya (Japan), July–August 2015. Harmonisation of database chronologies.

- S. Desprat**, M.F. SánchezGoñi, D. Oliveira, G. Guillem, A.L. Daniau, T. Rodrigues, E. Ducassou, F. Eynaud, D. Hodell, B. Balestra, J.A. Flores, J.O. Grimalt, F.J. Sierro. **2nd IODP 339 Post-cruise Meeting**, Tarifa (Spain), 4-6 June 2014. Vegetation and fire regime changes in southwestern Europe during contrasting interglacials of the last 800 kyr
- D. Oliveira, T. Rodrigues, **S. Desprat**, F. Naughton, D. Hodell, A.L. Daniau, F. Eynaud, R. Trigo, F. Abrantes, M.F. Sánchez Goñi. **2nd IODP 339 Post-cruise Meeting**, Tarifa (Spain), 4-6 June 2014. Revealing MIS 11 climatic variability in the southwestern Iberian margin: direct land-sea comparison
- T. Rodrigues, F. Naughton, F. Abrantes, D. Hodell, B. Martrat, J.O. Grimalt, **S. Desprat**, M.F. Sánchez Goñi, A. Voelker. **2nd IODP 339 Post-cruise Meeting**, Tarifa (Spain), 4-6 June 2014. Past Climate Variability during the last 1100,000 years in southwestern Iberian Margin
- F. Naughton, L.D. Keigwin, D.M. Peteet, **S. Desprat**, D. Oliveira, F. Abrantes. **AGU Fall meeting 2013**, San Francisco (USA), December 2013. Holocene climate changes in the Cape Hatteras region.
- M.F. Sanchez Goni, **S. Desprat**, A.-L. Daniau, E. Ducassou, F. Eynaud, D.A. Hodell, B. Balestra, J.A. Flores, J.O. Grimalt, T. Rodrigues, F.J. Sierro, D. Oliveira, F.J. Hernandez-Molina, D.A. Stow, C.A. Alvarez Zarikian. **AGU Fall meeting 2013**, San Francisco (USA), December 2013. Vegetation and fire activity changes in southwestern Europe during contrasting interglacials before and after the Middle Pleistocene Transition.
- F. Naughton, L. Keigwin, D. Oliveira, **S. Desprat**, F. Abrantes. **European Geosciences Union (EGU) General Assembly 2013**, Vienne (Austria), April 2013. Vegetation/oceanographic changes in the mid-latitudes of southwestern North Atlantic during the Holocene
- T. Coulon, **S. Desprat**, M. F. Sanchez Goñi, C. López-Martínez, L. Rossignol **INTIMATE Workshop**, De Lutte (The Netherlands) March 2012. Terrestrial and marine climatic responses in the mid-latitudes of the North Atlantic region.
- C. Lopez-Martinez, M.F. Sanchez Goñi, **S. Desprat**, L. Rossignol. **XVIII INQUA Congress**, Bern (Suisse), Juillet 2011. Orbital- and suborbital-scale climate variability in the south-eastern North America during the last glacial period: impact on the vegetation.
- S. Desprat**, M.F. Sanchez Goñi, B. Malaizé, F. Naughton. **AGU Fall meeting 2010**, San Francisco (USA), December 2010. Interglacial climatic variability in southern Europe during the last 425,000 years from NW Iberian marine pollen records.
- N. Combourieu Nebout, O. Peyron, I. Dormoy, **S. Desprat**, C. Beaudouin, U. Kotthoff, and F. Marret. **European Geosciences Union (EGU) General Assembly**, Vienne (Austria), April 2010. West Mediterranean rapid climatic variability during the last 25 000 years from high resolution vegetation record (ODP site 976).

#### COMMUNICATIONS IN NATIONAL CONFERENCES (last 6 years)

##### \*Oral communications

- S. Desprat**, G. Guilhem, M.F. Sánchez Goñi, D.A. Hodell. **XXIVème Symposium de l'APLF**, Pontarlier (France), September 2015. Persistence inattendue de la forêt méditerranéenne dans le sud-ouest de l'Europe pendant le MIS9e.
- M.F. Sánchez Goñi, T. Rodrigues, **S. Desprat**, D. Oliveira, G. Guillem, N. Piette, A.-L. Daniau, E. Ducassou, F. Eynaud, D.A. Hodell. **XXIVème Symposium de l'APLF**, Pontarlier (France), September 2015. Réponse climatique du sud-ouest de l'Europe aux interglaciaires contrastés des derniers 800.000 ans.
- S. Desprat**, T. Rodrigues. **24ème Réunion des Sciences de la Terre**, Pau (France), October 2014. Mise en évidence de changements climatiques millénaires pendant le MIS 11 dans le sud-ouest de l'Europe.
- S. Desprat**, J.F. McManus, D. Peteet. **23ème Réunion des Sciences de la Terre (RST)**, Bordeaux (France), October 2010. Impact des changements climatiques rapides de la dernière déglaciation dans le sud-est des Etats-Unis d'après une corrélation directe océan-continent.

##### \*Posters

- S. Desprat**, M.F. SánchezGoñi, D. Oliveira, G. Guillem, A.L. Daniau, T. Rodrigues, E. Ducassou, F. Eynaud, D. Hodell, B. Balestra, J.A. Flores, J.O. Grimalt, F.J. Sierro. **24<sup>ème</sup> Réunion des Sciences de la Terre**, Pau (France), October 2014. Vegetation and fire activity changes in southwestern Europe during contrasting interglacials of the last 800 kyr.
- S. Desprat**, N. Combourieu Nebout, L. Essallami, I. Rouis Zargouni, M. Sicre, J. Turon, N. Kallel. **23ème RST**, Bordeaux (France), October 2010. Variabilité holocène des environnements terrestres et marins en Méditerranée centrale à partir d'une corrélation directe océan-continent.

#### Academic Activities

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##### COURSES:

Paleoclimatology, Paleoecology, Palynology: student levels Licence 3 (Univ. of Angers, Univ. of Bordeaux), Master 1 (EPHE, Univ. of Bordeaux), Master 2 (EPHE, Univ. of Bordeaux)

## TEACHING MANAGEMENT

- Since 2014 Elected member of the EPHE teaching management committee (“Commission des Enseignements” de la section SVT)
- Since 2015 UE Changements environnementaux passés, présents, futurs (Master 2, EPHE)
- Since 2010 UE Paléoécologie (Master 1, EPHE)

## STUDENT SUPERVISION (last 6 years)

### 2 PhD students:

since 2013: D. Oliveira (University of Bordeaux)

since 2013: A. Gaceur (Univ. of Bordeaux & University of Sfax)

### 3 students of **Master 2** (6 month training):

2011: T. Coulon (Master STEE, Univ. Bordeaux 1),

P. W. Kuytjen (M.Sc. Climate Studies, Wageningen University, NL),

2014: G. Guilhem (Master BEC, Univ. of Bordeaux)

### 2 students of **Master 1** (6 week training):

2010: T. Coulon (Master STEE, Univ. Bordeaux 1)

2011: J. Pessarossi (Master MPC, Univ. Bordeaux 3)

### 1 student of **engineer school** (2 month training):

2010: L. Ezzat (3<sup>rd</sup> year at the EPFL, Ecole Polytechnique Fédérale de Lausanne, Switzerland)

### 1 student of **DUT** (5 month training):

2012: H. Dubrasquet (2<sup>nd</sup> year at INTECHMER)

### 1 student of **Diplôme EPHE** (4 year training):

2013-2016: L. Devaux (EPHE)

## Community outreach

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Conferences at the «Université du temps libre »

Collaborative work high school teachers of Earth Sciences for paleoclimatology courses

Conference at the High school “Flora Tristan” (Paris) on climate changes