

**Francesco d'Errico**  
**LIST OF PUBLICATIONS**

**1. Monographs**

**Monographs in preparation**

Backwell, L., **d'Errico, F.**, *Kalahari San material culture: Ancestral knowledge shared by elders at Museum Africa.*

**Published Monographs**

- 1) **d'Errico, F.** 2003. *Néandertaliens et hommes anatomiquement modernes : des trajectoires parallèles vers la modernité culturelle.* Habilitation à Diriger des Recherches. Bordeaux : Université Bordeaux 1, pp. 186.
- 2) Bosinski G., **d'Errico, F.**, Schiller P. 2001. *Die Gravierten Frauendarstellungen von Gönnersdorf.* Der Magdalenien-Fundplatz Gönnersdorf, Band 8. Franz Steiner Verlag GMBH. Stuttgart 364 pp., 233 figs., 197 planches h.t.
- 3) **d'Errico, F.** 1995. *L'art gravé azilien. De la technique à la signification.* XXXIème Supplément à *Gallia-Préhistoire.* Paris : CNRS Editions, 329 pp.

**2. Edited Monographs**

- 1) Henshilwood, Ch. et **d'Errico F.** (Eds.) 2011. *Homo symbolicus: the dawn of language, imagination and spirituality.* Amsterdam: Benjamins.
- 2) **d'Errico, F.**, Hombert J.-M. (Eds.) 2009. *Becoming eloquent. Advances on the emergence of language, human cognition, and modern cultures.* Amsterdam: Benjamins.
- 3) **d'Errico, F.** et L. Backwell (Eds.) 2005. *From tools to symbols. From Early Hominids to Modern Humans.* Johannesburg: Wits University Press.
- 4) Zilhão J. & **d'Errico, F.** 2003 (Eds.) *The Chronology of the Aurignacian and of the Transitional Technocomplexes. Dating, Stratigraphies, Cultural Implications.* Portuguese Institute of Archaeology (IPA) monographs series Trabalhos de Arqueologia.
- 5) Giacobini G. & **d'Errico, F.** (Eds.), 1986: *I cacciatori neandertaliani,* Jaca Book: Milano.

**3. Articles in peer reviewed journals**

**(• journals with impact factor)**

- Backwell, L., Bradfield, J., Carlson, K.J., Jashashvili, T., Wadley, L., **d'Errico, F.** 2017 en révision. The application of high resolution CT to identify the function of the Middle Stone Age bone point from Sibudu Cave, South Africa, *Antiquity.*

### Articles in press

- d'Errico, F, Banks, W. Reply to Read: Middle Stone Age cultural variability and the risk hypothesis. *Proc Natl Acad Sci USA*.
- Backwell, L., Bradfield, J., Carlson, K.J., Jashashvili, T., Wadley, L., **d'Errico, F.** 2017 en révision. The application of high resolution CT to identify the function of the Middle Stone Age bone point from Sibudu Cave, South Africa, *Antiquity*.
- **d'Errico, F.**, Doyon, L., Colagé, I., Queffelec, A, Le Vraux, E., Giacobini, G., Vandermeersch B., Maureille, B. 2017. From number sense to number symbols. An archaeological perspective. *Philosophical Transactions of the Royal Society, Series B*.

### Articles publiées

2017

- **d'Errico, F.**, Banks, W., Dan L. Warren, D.L., Sgubin, G., van Niekerk, K., Henshilwood, Ch., Daniau, A-L, Sanchez Goni, M. F., 2017. Identifying Early Modern Human ecological niche expansions and associated cultural dynamics in the South African Middle Stone Age. *Proc Natl Acad Sci USA*, 114, 30: 7869-7876, doi: 10.1073/pnas.1620752114.
- Puech, E., Urrego, D., Sanchez Goñi, M.F., Backwell, L. **d'Errico, F.**, 2017. Vegetation and environmental changes at Wonderkrater, Limpopo, South Africa. Implications for Middle Stone Age cultural adaptations. *Quaternary Research* 88, 2: 313-326. <https://doi.org/10.1017/qua.2017.42>
- Wei Y., **d'Errico F.**, Vanhaeren M. Peng F., Chen F., Gao X. 2017. A technological and morphological study of Late Paleolithic ostrich eggshell beads from Shuidonggou, North China. *Journal of Archaeological Science* 85, 83-104. <https://doi.org/10.1016/j.jas.2017.07.003>
- Pitarch Marti, A. Wei, Y. Gao, X., **d'Errico, F.**, 2017. The earliest evidence of coloured ornaments in China: The ochred ostrich eggshell beads from Shuidonggou Locality 2. *Journal of Anthropological Archaeology* 48, 102-113. <https://doi.org/10.1016/j.jaa.2017.07.002>
- Rosso, D., **d'Errico, F.**, Queffelec, A., Patterns of change and continuity in ochre use during the late Middle Stone Age of the Horn of Africa : the Porc-Epic cave record. *PLOS ONE*, 12(5) : e177298, 42 p. (<http://doi.org/10.1371/journal.pone.017798>)
- Val, A., Backwell, L.R., Dirks, P.H.G.M., **d'Errico, F.**, Berger, L.R. 2017. Reconstruction of the burial position of two hominin skeletons (*Australopithecus sediba*) from the early Pleistocene Malapa cave site, South Africa. *Geoarcheology*, 2017, 1-16. <https://doi.org/10.1002/gea.21635>
- Majkić A., Stepanchuk, V., Evans, S., Tsvelykh V.A., **d'Errico, F.**, 2017. A decorated raven bone from the Zaskalnaya VI (Kolosovskaya) Mousterian site, Crimea. *PLOS ONE* 2017 Mar 29; 12(3):e0173435. Doi:10.1371/journal.pone.0173435. eCollection 2017.
- Majkić A., **d'Errico F.**, Milošević S., Mihailović D., Dimitrijević V., 2017. Sequential incisions on a cave bear bone from the Middle Palaeolithic of Pešturina cave, Serbia. *Journal of Archeological Method and Theory* DOI 10.1007/s10816-017-9331-5

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- d'Errico, F., Rosso, D., 2016.** Le origini del pensiero simbolico. *Accademia Nazionale dei Lincei*. Special Issue : evoluzione biologica e i grandi problemi della biologia 133, 171-206.
- **d'Errico, F., Backwell, L. 2016.** Earliest evidence of personal ornaments associated with burial: The *Conus* shells from Border Cave. *Journal of Human Evolution* 93, 91-108.
  - **d'Errico, F., Bouilliot, L. D., García-Diez, M., Martí, A. P., Pimentel, D. G., & Zilhão, J. 2016.** The technology of the earliest European cave paintings: El Castillo Cave, Spain. *Journal of Archaeological Science*, 70, 48-65.
  - **d'Errico, F., Villa, P., Degano, I., Lucejko, J., Colombini, M.P., Beaumont, P. 2016.** The to be or not to be of archaeological enquiry. A reply to Pargeter et al., *Antiquity* 90, 352, 1079-1082. doi:10.15184/aqy.2016.100
  - **Rosso, D., Pitarch-Marti, A., d'Errico, F., 2016.** Ochre processing tools from the Middle Stone Age levels of Porc-Epic Cave, Dire Dawa, Ethiopia. *PLOS ONE* 11(11): e0164793. doi:10.1371/journal.pone.0164793
  - **Wei, Y., d'Errico, F., Vanhaeren, M., Li, F., & Gao, X. 2016.** An Early Instance of Upper Palaeolithic Personal Ornamentation from China: The Freshwater Shell Bead from Shuidonggou 2. *PLOS ONE*, 11(5), e0155847.
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- **Wadley, L., Trower, G., Backwell, L., d'Errico, F. (2015).** Traditional Glue, Adhesive and Poison Used for Composite Weapons by Ju/'hoan San in Nyae Nyae, Namibia. Implications for the Evolution of Hunting Equipment in Prehistory. *PloS one*, 10(10), e0140269.
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#### CHAPITRES DANS DES ACTES DE COLLOQUES AVEC COMITE DE LECTURE

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- 238) Rosso, D., **d'Errico, F.**, Zilhão, J. 2012. Stratigraphic and spatial distribution of colorants and colorant processing tools at Porc-Epic Cave (Dire Dawa, Ethiopia). 18th International Conference of Ethiopian Studies, Dire Dawa, Ethiopia, 29 October - 2 November 2012.
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- 239) **d'Errico, F.** 2013. The emergence of key cultural innovations in the Middle Palaeolithic and the Middle Stone Age. What do they tell us about the origin of Human creativity ? *Unravelling Human Origins Conference*, 18-19th January, St. John College, Cambridge.
- 240) **d'Errico, F.**, Banks, W., Bertran, P., Lenoble, A., Woillez, M.-N., Langlais, M., Laroulandie, V. 2013. Stratégies pour comprendre l'impact des changements climatiques sur les populations humaines, animales et sur le paléoenvironnements de la façade atlantique au cours des derniers 40 000 ans. 7 Février, Séminaire InterLabex COTE/LASCARBX, Université Bordeaux 1, Salle Badiane au Haut Carré.
- 241) Rosso, D., **d'Errico, F.**, Garcia-Moreno, R., Dayet, L. 2013. Caractérisation physico-chimique des pigments Middle Stone Age de la Grotte du Porc-Epic (Dire Dawa, Ethiopie). Autour de l'hématite, Table ronde Internationale, 7-8 Février, Jambes, Namur.
- 242) **d'Errico, F.** 2013. L'origine dei comportamenti simbolici e i loro possibili legami con l'origine del pensiero religioso. 16 Février, *Darwin Day*. Museo Nazionale Preistorico Etnografico "Luigi Pigorini", Rome, Italie.
- 243) Val, A., Dirks, P., Backwell, L., **d'Errico, F.** et Berger, L.R. 2013. *Spatial analysis of Australopithecus sediba fossils in 3D and taphonomic implications*. 22<sup>ème</sup> meeting de la Paleoanthropology Society (2-3 Avril, Honolulu, Hawaiï).
- 244) **d'Errico, F.**, Banks W. 2013. The archaeological backdrop to RESET. 6<sup>th</sup>-8<sup>th</sup> of June. *When Europe was covered by ice and ash*. The British Museum, London.
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- 246) Val, A., Dirks, P., Backwell, L., **d'Errico, F.** et Berger, L.R. 2013. A forensic approach to understand the taphonomy of the hominins from the Malapa site. Quatrième conférence



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- 247) Val, A., Backwell, L., **d'Errico, F.** et Berger, L.R. 2013. Post-mortem in 3D: new methods to assess the spatial taphonomy of the Malapa early hominins. 18<sup>ème</sup> conférence de la *Palaeontological Society of Southern Africa* (5-8 Septembre 2012), Le Cap, Afrique du Sud.
- 248) Antunes, N., Vanhaeren, M., Schiefenhövel W., Banks, W., Rigaud, S., **d'Errico, F.** 2013 Comparing ethnolinguistic affiliation and eco-cultural niches in Papua New Guinea: Archaeological Implications. 19-21st September, Vienna *European Society for the study of Human Evolution*, Poster session.
- 249) Dayet Bouillot, L., **d'Errico, F.**, Renata Garcia Moreno, R. 2013. Searching for consistencies in Châtelperronian pigment use. 19-21st September, Vienna *European Society for the study of Human Evolution*, Podium Presentation:
- 250) **d'Errico, F.**, Vanhaeren, M, Julien, M. 2013. Châtelperronian bone tools from the Grotte du Renne, Arcy-sur-Cure 19-21st September, Vienna *European Society for the study of Human Evolution*, Podium Presentation
- 251) **d'Errico, F.**, Banks, W. 2013. The emergence of cumulative cultures and their recognition in the archaeological record: implications for the origin of teaching. Stellenbosh. 18th- 20th of November. *How did Homo sapiens become Homo docens? On the evolution of social learning and teaching during the Paleolithic* Stellenbosh, Stellenbosh Institute for Advanced Studies, South Africa.
- 252) **d'Errico, F.**, Banks, W., Bertran, P., Lenoble, A., Woillez, M.-N., Langlais, M., Laroulandie, V. 2013. Stratégies pour comprendre l'impact des changements climatiques sur les populations humaines, animales et sur les paléoenvironnements de la façade atlantique au cours des derniers 40 000 ans. *Evolution, adaptation et gouvernance des écosystèmes continentaux et côtiers*. Séminaire scientifique inter LabEx COTE - LaScArBx. Talence, Salle Badiane. Jeudi 7 février 2013.
- 253) **d'Errico, F.**, 2013. Assessing the possible impact of climate changes on past human populations. *Science & Past : climate and environment evolution through time*. 28-29th Nov. 5th interdisciplinary Courses. Université de Saragosse, Saragosse.

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- 254) **d'Errico, F.** Rosso, D. 2014. L'origine del pensiero simbolico. *Evoluzione biologica e i grandi problemi della biologia. L'origine dell'Uomo*. Accademia Nazionale dei Lincei, 18-19th of February. Rome.
- 255) Rigaud, S., **d'Errico, F.**, Vanhaeren, M. Peñalber, X., Cuenca-Solana, D., Gutiérrez-Zugasti, I., González-Morales, M., 2014. A shift in economy and mobility between Epipalaeolithic and Mesolithic in North Atlantic Iberia: bead manufacture as a case study. *XVII<sup>e</sup> congrès de l'UISPP*, 1-7 septembre 2014. Burgos.
- 256) Banks, W., **d'Errico, F.** 2014. The use of ecological niche modeling methods in the investigation of mechanism at work in culture-environment relationships. *XVII<sup>e</sup> congrès de l'UISPP*, 1-7 septembre 2014. Burgos.
- 257) Sánchez-Goñi, M.F., Bard, E., Landais, A., Rossignol, L., **d'Errico, F.** 2014, The interest of combining micropaleontological and geochemical data for understanding the climate system: the example of the last interglacial-glacial transition, *European Geosciences Union Assembly*, 27-April-2 May, Vienna.
- 258) Rosso, E.D., Pitarch Martí, A., Dayet, L., **d'Errico, F.**, 2014. Middle Stone Age ochre processing tools from Porc-Epic cave (Dire Dawa, Ethiopia), *European Society for the study of Human Evolution*, 18-20th September, Florence. Poster session.

- 259) Antunes, N., Vanhaeren, M., Banks, W., Schiefenhövel, W., Rigaud, S., **d'Errico, F.** 2013. Comparing ethnolinguistic affiliation and eco-cultural niches in Papua New Guinea: Archaeological Implications. *European Society for the study of Human Evolution*. 3rd Annual Meeting, Poster presentation, September 19th – 21th, Vienna, Austria, PESHE, p. 28
- 260) Rosso, D., Zilhão, J., Pitarch Martí, A., **d'Errico, F.**, 2014. Ochre and ochre processing tools from Middle Stone Age levels of Porc-Epic cave (Dire Dawa, Ethiopia). *Contextualizing technological change and cultural evolution in the MSA of southern Africa*. International workshop, 8 -10 September, Tübingen, Germany,.
- 261) **d'Errico, F.**, Queffelec, A. 2014. The Gorham's Cave Neanderthal Engraving. *Calpe 2014. In the footsteps of the ancestors : a universal heritage of everyone*. 18th-20th September, Gibraltar.
  - 262) **d'Errico, F.** 2014. The earliest modern human cultures. *The African Fossil Record*, 26-27 September, Toulouse.
  - 263) **d'Errico, F.** 2014. Early imagery and its cognitive implications. *What made us human? Biological and cultural Evolution of Homo sapiens*, October 14-19, Erice, Sicily.
- 264) Dayet, L., **d'Errico, F.**, Garcia Moreno, R., 2014. Apport de l'analyse non-invasive par XRF portable pour l'analyse des matières colorantes préhistoriques : le cas du Châtelperonnien, *24e Réunion des Sciences de la Terre*. 27 au 31 Octobre 2014. Pau, Palais Beaumont. Toulouse, Session poster.
- 265) Vanhaeren, M., **d'Errico, F.**, 2014. Ethnic Groups in the Aurignacian? Body decoration types from 98 European sites reflect patterned cultural diversity. *Paläoanthropologie und Prähistorische Anthropologie Meeting*, October 11<sup>th</sup>-12<sup>th</sup> 2014, Munich.
- 266) **d'Errico, F.**, Wei, Y., Vanhaeren, M., Pitarch, A., Gao, X. 2014. New Data on ZKD Upper Cave personal ornaments and pigment use. Preliminary results. *International Symposium on Paleoanthropology in Commemoration of the 85th Anniversary of the Discovery of the First Skull of Peking Man*, Beijing, 20-24th October 2014.
- 267) Faivre J.-P., Lahaye C., Maureille M., Discamps E., Gravina B., Turq A., Banks W., Bayle P., Beauval C., Bordes J.-G., Couture C., Dawson M.-C., **F. d'Errico**, M. Frouin, G. Guérin, J. Jaubert, A. Lenoble, N. Mercier, H. Plisson, A. Quintard, W. Rendu, A.-M. Tillier - *Projet NéMo : The Chronology and Cultural Context of Neandertal Skeletal Material in Southwestern France*. *4th annual meeting of the European Society for the study of Human Evolution*, Florence, Septembre 2014.
- 268) **d'Errico, F.**, Queffelec, A. 2014. Gorham's cave Neandertal engraving: cognitive implications. *Biomedical Sciences and Methods in Archaeology*. 6-9 November., Bordeaux.
- 2015**
- 269) **d'Errico, F.** 2015. Afrique du Sud, berceau de l'humanité. *20ème anniversaire de la coopération France-Afrique du Sud en paléontologie et en préhistoire*. Salle Monnerville, Palais du Luxembourg, Paris., 7 Février 2015.
  - 270) **d'Errico, F.** 2015. The earliest instances of symbolic material culture. 58th meeting of the Obermaier Society - Special Session « Symbolic communication and modern culture », April 7-12th, Heidenheim, Germany.
- 271) Vanhaeren M., Schiefenhövel W., **Antunes N.**, d'Errico F., 2015, Personal ornaments and group identity during the Early Upper Palaeolithic. 58th meeting of the Obermaier Society - Special Session « Symbolic communication and modern culture », April 7-12th, Heidenheim, Germany.

- 272) **d'Errico, F.** 2015. The emergence of symbolic material cultures and modern cognition: putting the African record in a global perspective. 21<sup>st</sup> May. Mulvaney Lecture, Canberra, Australia.
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#### PODCASTS

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