
Francesco d'Errico
LISTE DES PRODUCTIONS SCIENTIFIQUES
(1984-2018)
Synthèse

202 ACL (85 en premier auteur), 55 ACTI (38 premier auteur), ouvrages (3), direction d'ouvrages (5), chapitres d'ouvrages 62 (29 premier auteur), articles de vulgarisation scientifique (28), 315 communications orales ou poster à colloques (dont 82 conf. invitées) *h-index* 64, somme des citations 17828 (Google Scholars - Septembre 2018)

1. OUVRAGES

Ouvrage en préparation

Backwell, L., **d'Errico, F.**, *Kalahari San material culture: Ancestral knowledge shared by elders at Museum Africa.*
d'Errico, F., Allemand, L. *L'origine des cultures modernes.* Paris : Odile Jacob.

Ouvrages publiés

- 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) Bosinki 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. DIRECTION D'OUVRAGES

- 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 DANS DES REVUES AVEC COMITE DE LECTURE

(• articles dans des revues à facteur d'impact)

Articles acceptés sous presse

- Li Z.Y., Doyon L., Li H., Wang C., Quinpo Z., **d'Errico F.**, Engraved patterns from the Lingjing site (Xuchang, Henan, China). *Antiquity*
- **d'Errico, F.**, Doyon, L., Zhang S., Gao X., Chen F., Guan Y., Zhang Y., The origin of sewing technologies in Eurasia. *Journal of Human Evolution* DOI: 10.1016/j.jhevol.2018.10.004

Articles publiées

2018

- Henshilwood, C., **d'Errico, F.**, Dayet, L. Queffelec, A. Van Niekerk, K., Villa, P., Pollarolo, G. 2018. A cross-hatched drawing from 73 ka levels at Blombos Cave, southern Cape, South Africa, *Nature* 562, 115-118
- **d'Errico F.**, Colagè I. 2018. Cultural Exaptation, Cultural Neural Reuse: A mechanism for the emergence of modern culture and behaviour. *Biological Theory*, DOI: 10.1007/s13752-018-0306-x
- Backwell, L.R., **d'Errico, F.**, Bordy, E.M., Stratford, D., Wojcieszak, M., de la Peña, P., Sievers, C.S., Lennox, S.J., Bradfield, J., Banks, W., Wadley, L., 2018. New excavations at Border Cave, KwaZulu-Natal, South Africa. *Journal of Field Archaeology*.
<https://doi.org/10.1080/00934690.2018.1504544>
- **d'Errico, F.**, Doyon, L., Colagè, I., Queffelec, A, Le Vraux, E., Giacobini, G., Vandermeersch B., Maureille, B. 2018. From number sense to number symbols. An archaeological perspective. *Philosophical Transactions of the Royal Society, Series B.* 373, 1740, DOI: 10.1098/rstb.2016.051
- Colagè I., **d'Errico, F.** 2018. Culture: the driving force of human cognition. *Topics in Cognitive Science* DOI: 10.1111/tops.12372
- Pitarch Martí, A., **d'Errico, F.**, 2018. Seeking black. Geochemical characterization by PIXE of Palaeolithic manganese-rich lumps and their potential sources. *Journal of Anthropological Archaeology* 50, 54-68.
- Scerri, EML, Thomas MG, Manica, A., Gunz, Ph., Stock, J., Stringer, C., Grove, M., Groucutt, H.S., Timmerman, A., Rightmire, G.P., **d'Errico, F.**, Tryon, C., Drake, N., Brook, A., Dennel, R., Henn, B., Lee-Thorp, J., Demenocal, P., Petraglia, M., Thompson, J.C., Scally, A., Chikhi, L. Did our species evolve in subdivided populations across Africa, and why does it matter? *Trends in Ecology and Evolution* 33, 8: 582-594.
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78,000-year-old record of tropical adaptation and complex human behavior in coastal East Africa. *Nature Communications*, doi:10.1038/s41467-018-04057-3

- Majkić, A., **d'Errico, F.**, Stepanchuk, V. 2018. Assessing the significance of Palaeolithic engraved cortexes. A case study from the Mousterian site of Kiik-Koba, Crimea. *PLOS ONE*. <https://doi.org/10.1371/journal.pone.0195049>
- Backwell, L., Bradfield, J., Carlson, K.J., Jashashvili, T., Wadley, L., **d'Errico, F.** 2018. The antiquity of bow-and-arrow technology: evidence from Middle Stone Age layers at Sibudu Cave. *Antiquity* 92(362): 298-303.
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- Majkić A., **d'Errico F.**, Milošević S., Mihailović D., Dimitrijević V., 2018. Sequential incisions on a cave bear bone from the Middle Palaeolithic of Pešturina cave, Serbia. *Journal of Archeological Method and Theory* 25, 1, 69–116. DOI 10.1007/s10816-017-9331-5
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- 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 Châtelperronien, *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 11th-12th 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.
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- 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.
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 - 273) **d'Errico, F.**, Backwell, L. 2015. New Research at Border Cave and the Origin of Cultural Modernity as We Know It. *The Archaeology of Portable Art: South East Asian, Pacific, and Australian Perspectives*. Australian National University, Canberra. 23rd - 24th May 2015.
- 274) Antunes, N., Vanhaeren, M. Wulf Schiefenhövel, W., Rigaud, S., Banks, W. **d'Errico, F.**, 2015. Does environment influence ethno-linguistic diversity in New Guinea? Summer Institute of the International Society for Human Ethology, National Technical University of Athens, May 13th-16th.
- 275) Antunes, N., Vanhaeren, M. Schiefenhövel, W., Rigaud, S., Banks, W. **d'Errico, F.**, 2015. Ethnolinguistic niche modelling: The case of New Guinea. *International ROCEEH Conference on Human Expansions*, Senckenberg Museum Frankfurt, 13th - 17th July 2015. Poster.
- 276) Zilhão, J., Banks, W., **d'Errico, F.** 2015. Is the Modern vs. Neandertal dichotomy appropriate any longer for the technocomplexes of the Middle-to-Upper Paleolithic transition? ESHE conference, London, 10th-12th September.
- 277) **d'Errico, F.**, 2015. New archaeological evidence bearing implication for the emergence of complex communication systems in our genus. *Protolang 4 Conference*, University Roma 3, Rome, 24th-26th September 2015.
- 278) **d'Errico, F.**, Pitarch Marti, A., Dayet, L. 2015. The earliest use of pigment in southeastern France. Journées de restitution LabEx Sciences archéologique de Bordeaux. Saint-Emilion, Salle des Dominicains, 21-22 Octobre 2015.

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- 280) **d'Errico, F.**, Pitarch Marti, A. 2015. The first use of pigment in South-West France. PAC AIFIRA/AMANDE-MIRCOM. Gradignan, 26 Nov. 2015
- 281) **d'Errico, F.**, Majkic, A., Jobard, G., Mellet, E., Peyrin C., Chauvin A., Guyader N., Mazoyer B., Tzourio-Mazoyer N. 2015. Early engravings: exploring behavioural and cognitive implications, Art and Brain: How Imagery Makes Us Human. McDonald Institute for Archaeological Research, Cambridge, 7th-8th, December.
- 282) Majkić, A., Jobard, G, Mellet E., **d'Errico, F.**, Peyrin C., Chauvin A., Guyader, N., Bernard Mazoyer, B., Tzourio-Mazoyer, N. 2015. The archéoneuro Project: The neural basis of early engravings perception. Art and Brain: How Imagery Makes Us Human. McDonald Institute for Archaeological Research, Cambridge, 7th-8th, December
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- 283) **d'Errico, F.** 2016. Archaeological evidence of the origin of Modern Mind. *Humanity in Progress: Brain and Behaviour from Bifacials to Literacy*. Antonianum University, Rome, 6-8 January 2016.
- 284) Antunes N. Banks W.E., **d'Errico F.**, 2016. Impact des variations climatiques sur les colonies vikings des régions subarctiques (poster). Colloque Q10 AFEQ CNF-INQUA, February 16-18th, Bordeaux, France.
- 285) Antunes N., Banks W.E., Rigaud, S., **d'Errico F.**, 2016. Caractérisation de niches écoculturelles du Néolithique. Colloque Q10 AFEQ CNF-INQUA, February 16-18th, Bordeaux, France.
- 286) **d'Errico, F.**, 2016. L'insolite ou les limites de la normalité. Conférence conclusive de la 4^{ème} journée des Doctorants de la Fédération des Sciences Archéologiques de Bordeaux. 14 Avril 2016. Odéon de l'Archéolôle d'Aquitaine.
- 287) Puech, E., Urrego, D. H., Sanchez Goñi, M.F., **d'Errico, F.**, 2016. Regional and local vegetation and environmental changes at wonderkrater (Limpopo, South Africa) and implications for middle stone age occupation. Poster session. 23th Biennial meeting of the Society of Africanist Archaeologists. Toulouse, 26 Juin-2nd of July, Université Jean Jaurès.
- 288) Backwell, L.R., Wadley, F., **d'Errico, F.**, de la Pena, P., Sievers, C., Stratford, D., Tribolo, Ch., Banks, W., 2016. New excavations at Border Cave, KwaZulu-Natal, South Africa 23th Biennial meeting of the Society of Africanist Archaeologists. Toulouse, 26 Juin-2nd of July, Université Jean Jaurès.
- 289) **d'Errico, F.**, 2016. Presentations in thematic discussions. *The Human Evolution in Structured Populations*. Oxford, Mackinder Lecture Theatre, School of Geography and the Environment, 1- 4 September
- 290) **d'Errico F.**, Dayet Bouillot L., Pitarch Marti A., Rosso, D., Majkic A., Le Bourdonnec F.X., Lebraud E., Lefrais Y., Cantin N., Sorieul S. 2016. The earliest use of pigment in South West France and elsewhere. *Journées de restitution du LabEx Sciences archéologiques de Bordeaux*, Arcachon, 12-13 octobre 2016.

- 291) **d'Errico, F.** Banks, W., 2016. The role of cultural innovations, learning processes, and ecological dynamics in shaping Middle Stone Age cultural adaptations. *The Extension of Biology Through Culture*. Sackler Colloquia. American Association for the Advancement of Science. November 16-17, Irvine, California.

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- 292) **d'Errico, F.**, Colagé, I.,Majkic, A., Doyon, L., Giacobini, G., Queffelec, A., Le Vraux, E., Vandermeersh, B., Maureille, B. 2017. From number sense to number symbols. International workshop *The origins of numerical abilities*. 20-21 February 2017, The Royal Society, London.
- 293) **d'Errico, F.**, Banks, W. 2017. Adaptation et recherche en Préhistoire : quelques perspectives. Colloque Prospectives du CNRS-INEE 2017, Atelier Adaptation-Adaptabilité, 22-24 Février, Bordeaux.
- 294) **d'Errico, F.**, Banks, W., Dayet-Bouillot, L, Doyon, L., Majkic, A., Maureille, B., Mellet, E., Pitarch Marti, A., Rigaud, S., Rosso, D., Tzourio-Mazoyer, N. 2017. Quelles stratégies de recherche pour dépasser le concept de "modernité culturelle", dont les limites ne sont plus à démontrer ? Colloque Prospectives du CNRS-INEE 2017, Atelier Emergence de la modernité. 22-23 Février, Bordeaux.
- 295) **d'Errico, F.**, Wei, Y., Pitarch Marti, A., Gao, X. 2017. The earliest personal ornaments from China. *Humans' earliest personal ornaments*. Tel-Aviv, 5-8 of March.
- 296) Rigaud, S.,Antunes, N., Banks, W., **d'Errico, F.** 2017. Gardening and Neighboring at the Dawn of Agriculture in Europe, 8000 years ago. *Humans on the Earth, Historical Geography as Epistemology and Worldview*. March 24-25, 2017, Remarque Institute Seminar Room, New York.
- 297) Doyon, L., Burke, A. Pike Tay, **d'Errico, F.** 2017. Exploring Technological Organization through Geometric Morphometrics: The Case of Aurignacian Projectile Points Made of Antler, Bone and Ivory. Paleanthropology Society Meeting, March 28-29th, Vancouver.
- 298) Sievers, C., Backwell, L., **d'Errico, F.**, Kubiak-Martens, L. & Wadley, L. 2017. Investigations into the use of underground storage organs at Border Cave, South Africa, before 100 000 years ago, SASQUA conference. 21st Biennial Conference of the South African Society of Quaternary Research, Johannesburg, 3-7 April 2017, p. 38.
- 299) Pitarch Martí, A., **d'Errico, F.** 2017. Sourcing manganese-rich lumps from Middle and Upper Palaeolithic sites in South West France by external PIXE. *Technart 2017*, 2-6 May, Bilbao, Espagne.
- 300) Salagnon, M., Majkić, A., Cremona, S., Mazoyer, B., Joliot, M., Tzourio-Mazoyer, N., **d'Errico, F.**, Mellet, E. 2017. Neural network involved in the perception of abstract Palaeolithic engravings, *Neurofrance Meeting*, Bordeaux 17-19 Mai, poster.
- 301) **d'Errico, F.**, 2017. Quand avons nous inventé le désordre du monde ? *4^{ème} Edition des Rencontres Recherche et Création en Avignon*, 11-12 Juillet, Avignon.
- 302) Stratford, D., Backwell, L., Wadley, L., **d'Errico, F.**, de la Pena, P., Bordy, E., Banks, W., Bradfield, J., 2017. New excavations at Border Cave: preliminary reflections on stratigraphy and site formation processes, *Association of Southern African Professional Archaeologists* 5 - 7 July 2017, University of Pretoria, Pretoria, South Africa.

- 303) **d'Errico, F.**, 2017. New methods to explore past human-climate interaction and reconstruct cultural trajectories at regional scale. *3rd ASQUA Meeting*, 4-7 Septembre, Jeju, Corée.
 - 304) Backwell, L., Bradfield, J., Carlson, K., Jashashvili, T., Wadley, L., **d'Errico, F.**, 2017. The application of high resolution CT to identify the function of the Middle Stone Age bone point from Sibudu Cave, South Africa. *3rd National Conference on Imaging with Radiation (Imgrad2017)*. September 14-15th, 2017. University of the Witwatersrand, Johannesburg.
 - 305) **d'Errico, F.**, Vanhaeren, M. Julien, M. et al. 2017. Châtelperronian ornaments from Grotte du Renne, France. *EU-Beads Workshop. Early Upper Palaeolithic personal ornaments and behavioural adaptations*, 4-7 September, University of Cambridge.
 - 306) **d'Errico, F.**, Wei, Y., Pitarch Marti, A., Vanhaeren, M., Gao, X. 2017. Seeking bridges towards a comprehensive understanding of personal ornaments technology and use in the Palaeolithic of Eastern Asia. A view from China. *The Altai and Southwestern France: new research on the complex question of Late Pleistocene demographic histories*. Les-Eyzies-de-Tayac, 21-28 Octobre.
 - 307) **d'Errico, F.**, 2017. In search of mechanisms at the origin of symbolic material cultures. An archaeological perspective. *Digging Deeper: Archaeological & Philosophical Perspectives*, 1-3 Dec. Miami Beach Urban Studios (MBUS) Florida International University
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- 308) **d'Errico, F.** 2018. L'origine du sens esthétique. Qu'est qu'il nous enseigne l'archéologie? Colloque international, *Faire Héritage, Esthétique, Création et transmission culturelle*. 25-26 Janvier, Musée du Quai Branly et EHESS, Paris.
 - 309) **d'Errico, F.** 2018. From Material culture to cognition. Interdisciplinary perspectives. SapienCE Workshop, 5th February, De Hoop Nature Reserve. South Africa.
 - 310) **d'Errico, F.** 2018. I gioielli dei Neandertaliani. Dall'Africa all'Europa, il nostro primo grande viaggio. Colloque *Grotta di Fumane celebra 30 anni di ricerche su Neandertal e Sapiens*. Musei Civico di Storia Naturale di Verona. 9 Juin.
 - 311) **d'Errico, F.** 2018. Discussant of the workshops papers. Workshop *How neuroscience may illuminate the human past*. University of Bergen, Norway. Thursday 12th, June. Center for Early Sapiens Behavior.
 - 312) **d'Errico, F.** 2018. Middle and Later Stone Age archaeology: interdisciplinary perspectives. Workshop: *Chronology and Proteins: Analysing materials from SapienCE MSA sites in southern Africa*. Bergen, Norway. Thursday 14th, June. Center for Early Sapiens Behavior.
 - 313) **d'Errico, F.** 2018. La contribution de la parure châtelperronienne de la grotte du Renne à la remise en question de l'axiome d'une cognition propre à chaque espèce fossile. Colloque *Nouvelles perspectives pour l'histoire de l'humanité*. Collège de France. 3-4 Juillet 2018.
 - 314) **d'Errico, F.** 2018. The earliest known abstract representations. International Workshop *Brain Visions: geometry, Art, and Symbolism*. Centre L'Oubradou, St. Maxime, 4-5th September.

- 315) **d'Errico, F.** 2018. Neanderthals and the end of the one-fossil-species-one-cognition-axiom. CALPE 2018, Neandertal, The conference, 13-15th of September
- 316) **d'Errico, F., C. Henshilwood, K. Van Niekerk,** 2018. Les premières utilisation du rouge en Afrique. Workshop *Rouge d'abord*. Galerie Cyal, 25 Octobre, Paris.

FILMS SCIENTIFIQUES

- 1) Backwell, L., **d'Errico, F.** 2013. (Conseillers scientifique du documentaire) : Thompson-Gorry, K. (réalisatrice) *A Shaman's Journey. The last elders.* (original title: *Le voyage de Kgonta Bo, le chaman*) Documentary film produced by MC4, with the participation of France Télévisions and Planète Thalassa for France 5. Transmis la première fois le 10 Juin 2014 sur France 5.
- 2) **d'Errico, F., Quentin, L.,** (réalisateurs), **F. , d'Errico, Rifkin R.** (conseillers scientifiques) 2014. Documentaire : *The colour of the Ovahimba.* CERIMES - Université de Bordeaux. 52 min. Version française et anglaise.
- 3) **d'Errico F.,** conseiller scientifique 1989 : *Galets gravés Aziliens. Analyse Microscopique.* Service du Film de Recherche Scientifique. duré : 22 min. Diffusion: 35 mm (français), 16 mm et vidéo (français, anglais, espagnol, italien) http://www.canal.u.tv/video/cerimes/galets_graves_aziliens_analyse_microscopique.9176

PODCASTS

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- 1) **d'Errico, F., Backwell, L., Queffelec,** 2014. San Ostrich Trap. <https://www.youtube.com/watch?v=Cc3VGa-FcFk>
- 2) **d'Errico, F., and Backwell, L.** 2012. Early evidence of San material culture represented by organic artifacts from Border Cave, South Africa. <http://www.youtube.com/watch?v=UIClywV2Brk>
- 3) Henshilwood, C. et **d'Errico, F.** 2011. A 100,000 old ochre workshop at Blombos Cave. Vidéo pour le Science Media Pack, Réalisation L. Quentin. http://www.redorbit.com/news/video/science_2/1112401572/ochre-at-blombos-cave/index.html
- 4) **d'Errico, F., Backwell, L., Queffelec.** 2015. San Ostrich Trap. <https://www.youtube.com/watch?v=Cc3VGa-FcFk>