

STOICISM FP7 project and the List of peer-review publications as of 24.11.2016

International Journals:

1. Guatame-Garcia A., M. Buxton M., C. Hecker C. 2016. Towards an on-line characterisation of the calcined kaolin reaction series using IR spectroscopy. Submitted in Applied Clay Science.
2. Moradi S., Moseley D., Chauhan P., Eade R., Hrach F., Gupta A., 2016. Electrostatic beneficiation of diatomaceous earth. Submitted in Minerals Engineering: (October 2016 consultation)
3. Guatame-Garcia A., Buxton M., 2016. In pit estimation of pollutants in the mining of perlite ore using infrared spectroscopy. Submitted in Ore Geology Reviews. September 2016 consultation)
4. Filippova I.V., Filippov L.O., J. Machault, Severov V.V., Korobelnik C. 2016. Beneficiation of high carbonate diatomaceous earth by flotation. Submitted to Minerals Engineering
5. Dehaine Q., Filippov L.O., Joussemet R., 2017. Rare earth (La, Ce, Nd) and rare metals (Sn, Nb, W) as by-product of kaolin production, Cornwall: Part 2: Gravity processing of micaceous residues. Minerals Engineering. Vol. 100 pp. 200-210. <http://dx.doi.org/10.1016/j.mineng.2016.10.018>
6. Tierney R.L., Glass H.J., 2016. Modelling the structural controls of primary kaolinite formation. Geomorphology. Vol. 268. Pp. 48–53. <http://dx.doi.org/10.1016/j.geomorph.2016.05.022>
7. Filippov L.O., Dehaine Q., Filippova I.V. 2016. Rare earth (La, Ce, Nd) and rare metals (Sn, Nb, W) as by-product of kaolin production, Cornwall: Part 3: Processing of fines using gravity and flotation. Minerals Engineering 95, Pp. 96–106. <http://dx.doi.org/10.1016/j.mineng.2016.06.004>
8. Dehaine Q., Filippov L.O., 2016. Modelling heavy and gangue mineral size recovery curves using the spiral concentration of heavy minerals from kaolin residues. Powder Technology 292, Pp. 331–341. [doi.org/10.1016/j.powtec.2016.02.005](http://dx.doi.org/10.1016/j.powtec.2016.02.005)
9. Kanari N., Diot F., Gauthier C. and Yvon J. 2016. Use of residual materials for synthesis of lightweight granulates by thermal treatment process. Applied Clay Science 123, Pp. 259-271. DOI [10.1016/j.clay.2015.12.027](http://dx.doi.org/10.1016/j.clay.2015.12.027)
10. Dehaine Q., Filippov L.O., 2015. Rare earth (La, Ce, Nd) and rare metals (Sn, Nb, W) as by-product of kaolin production, Cornwall: Part 1: Selection and characterisation of the valuable stream. Minerals Engineering 76, Pp. 141–153. <http://dx.doi.org/10.1016/j.mineng.2014.10.006>
11. Dehaine Q., Filippov L.O., Royer, J.J., 2016. Comparing univariate and multivariate approaches for process variograms: A case study. Chemometrics and Intelligent Laboratory Systems. 152, Pp. 107-117 doi: <http://dx.doi.org/10.1016/j.chemolab.2016.01.016>
12. Eskelinen A., Zakharov A., Hearle J., Jämsä-Jounela S-L., 2015. Dynamic modelling of a multiple hearth furnace for kaolin calcination. American Institute of Chemical Engineers (AIChE) Journal 61: 11. Pp. 3683–3698. DOI: [10.1002/aic.14903](http://dx.doi.org/10.1002/aic.14903)
13. Dehaine Q., Filippov L.O., 2015. A multivariate approach for process variograms, in: Esbensen, K.H, Wagner, C. (Ed.), *TOS Forum 4*, IM Publishers, Chichester, Pp. 169–174. doi: [10.1255/tosf.76](http://dx.doi.org/10.1255/tosf.76)
14. Tierney R.L., Glass H.J., Scrivener, R.C. 2015. Using structural features to target kaolin deposits in South-West England. Geoscience in South-West England, 13, 450-453. <http://www.ussher.org.uk/journal/00s/2015/10%20Tierney%20et%20al%20450-453%201.pdf>
15. Palmer L.W., Glass H.J. 2015. Comparison of grade modelling methods at Blackpool china clay pit, Cornwall. Geoscience in South-West England, 13, 454-458. <http://www.ussher.org.uk/journal/00s/2015/11%20Palmer%20&%20Glass%20454-458%201.pdf>

National journals:

16. Dehaine, Q., Filippov, L.O., 2015. Métaux critiques (terres rares légères, niobium, tungstène) et étain comme coproduits de la production de kaolin. Mines & Carrières, hors série 16 (225) pp. 99-111. In French.