



Karen Scrivener

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Director of the Laboratory of Construction Materials and Full Professor at Ecole Polytechnique Fédérale de Lausanne, Karen Scrivener works at the interface between academic research and industrial applications in the cement industry. Her academic studies of microscopic structure have considerably advanced the understanding of the behaviour of cementitious materials, in particular with regard to the deterioration of concrete. She is a founder of the Nanocem network, which in ten years has grown to include 11 industrial partners and 22 academic partners. This partnership, the only one of its kind, has transformed the landscape of research into cement matter and materials. The publications of Prof. Scrivener are frequently cited, amounting to an H-index of 26. Her work has already been recognised with several prizes including the prize and the Della Roy Lecture Award from the American Ceramic Society. Karen Scrivener has been elected as a Fellow of the Royal Academy of Engineering for her remarkable contribution to the domain of engineering. She is one of 59 scientists to be honoured in 2014.

- About: <https://people.epfl.ch/karen.scrivener>
- Suggested Reading: Antoni, M., Rossen, J., Martirena, F., & Scrivener, K. (2012). Cement substitution by a combination of metakaolin and limestone. *Cement & concrete research*, 42(12), 1579-1589.