

Prof. Dr. Sascha Gentes



Current position

Professor for deconstruction and decommissioning of conventional and nuclear buildings, KIT-TMB (since 2013)

Previous positions

Junior professor for technology and management of nuclear facilities, KIT-TMB (2008-2013)

Postdoc at the Institute for Technology and Management in Construction, KIT-TMB (2004-2008)

Scientific degrees

PhD in construction engineering, University Karlsruhe (KIT) (2003)

Graduate in construction engineering, passed with distinction, University Karlsruhe (now KIT) (2000)

Recent research topics

Decommissioning and management methods for nuclear and conventional facilities, waste management, socio-political studies on decommissioning effects

Awards, honors, memberships

Member of the advisory board of IAEA's International Decommissioning Network (IDN), member of the Kerntechnische Gesellschaft e.V. (KTG), member of VDI board "resource efficiency"

Publications (5 most important)

- M. Brandauer, J. Starflinger, S. Gentes, R. Langlois, K. Waters, Magnet rod filter analysis for the treatment of radioactive Waste from the abrasive water jet cutting, *Physical Separation Conference* (2017), Falmouth, UK
- Stifi, F. Gehbauer, S. Gentes, Lean Anti-Corruption Toolkit, *25th Annual Conference of the International Group for Lean Construction*, (2017), Heraklion, Greece doi.org/10.24928/2017/0154
- F. Cousseau, S. Kaiser, S. Gentes, D. Engelmann, U. Hess et al., Development of a tool system for the surface decontamination of reinforced concrete structures, *Kontec* (2017)
- E. v. Fritsch, M. Brandauer, S. Gentes, Numerical investigations on disperse multiphase flows in a separation filter, *47th Annual Meeting on Nuclear Technology – AMNT* (2016), Proceedings
- F. Hübner, R. Volk, O. Secer, D. Kühn, S. Gentes et al., Modellentwicklung eines ganzheitlichen Projektmanagement-systems für kerntechnische Rückbauprojekte (MogaMaR), *Produkte und Energie* 24 (2018) [doi:10.5445/KSP/1000080517](https://doi.org/10.5445/KSP/1000080517)