Your title and name

Product Sales Leader
Tescan (micro-CT business Unit)
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Education and Professional Career

2006-2009	Bachelor of Science, Geology – Ghent University, Belgium
2009-2011	Master of Science, Geology – Ghent University, Belgium
2011-2015	Ph.D in Geology, PProGRess group, Ghent University, Belgium
2016-2020	Application Scientist, Bruker Micro-CT, Belgium
2016-2020	Co-Founder of INSPECT – natural building stone consultancy.
Since 2020	Application Scientist, Product Marketing Manager and Global Product Sales Lead at Tescan

Commitment, Appointments and Scientific Volunteer Jobs

2022-present	Board Member of the International Rock Imaging Special Interest Group (iRIS).
2013-2016	Founding and Board Member of the International Association of Computed Tomography (IntaCT).

Professional Awards, Offers and Recognitions

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Most important Publications (maximum 10)
(Peer reviewed journal articles / books / patents)

[1] T. Bultreys, W. De Boever and V. Cnudde. Imaging and image-based fluid transport modeling at the pore scale in geological materials: A practical introduction to the current state-of-the-art, Earth-Science Reviews, Volume 155, 2016, Pages 93-128, ISSN 0012-8252, https://doi.org/10.1016/j.earscirev.2016.02.001.

[2] W. De Boever, H. Derluyn, D. Van Loo, L. Van Hoorebeke, V. Cnudde. Data-fusion of high-resolution X-ray CT, SEM and EDS for 3D and pseudo-3D chemical and structural characterization of sandstone, Micron, Volume 74, pg 15-22, https://doi.org/10.1016/j.micron.2015.04.003

[3] W. De Boever, A. Diaz, H. Derluyn, T. De Kock, J. Van Stappen, J. Dewanckele, T. Bultreys, M. Boone, T. De Schryver, E. T. B. Skonsfjell, M. Holler, D. W. Breiby and Veerle Cnudde. Characterization of composition and structure of clay minerals in sandstone with ptychographic X-ray nanotomography, Applied Clay Science, Volume 118, 2015, Pages 258-264, ISSN 0169-1317, https://doi.org/10.1016/j.clay.2015.09.020.

[4] W. De Boever, T. Bultreys, H. Derluyn, L. Van Hoorebeke and Veerle Cnudde. Comparison between traditional laboratory tests, permeability measurements and CT-based fluid flow modelling for cultural heritage applications, Science of The Total Environment, Volumes 554–555, 2016, Pages 102-112, ISSN 0048-9697, https://doi.org/10.1016/j.scitotenv.2016.02.195.

[5] Bultreys, T., J. Van Stappen, T. De Kock, W. De Boever, M. A. Boone, L. Van Hoorebeke, and V. Cnudde (2016), Investigating the relative permeability behavior of microporosity-rich carbonates and tight sandstones with multiscale pore network models, *J. Geophys. Res. Solid Earth*, 121, 7929–7945, doi:10.1002/2016JB013328.

[6] Isebaert, A., De Boever, W., Descamps, F. *et al.* Pore-related properties of natural hydraulic lime mortars: an experimental study. *Mater Struct* **49**, 2767–2780 (2016). https://doi.org/10.1617/s11527-015-0684-5

[7] M. Munawar, C. Lin, V. Cnudde, T. Bultreys, C. Dong, X. Zhang, W. De Boever, Muhammad A. Zahid, Y.i Wu, Petrographic characterization to build an accurate rock model

using micro-CT: Case study on low-permeable to tight turbidite sandstone from Eocene Shahejie Formation, Micron, Volume 109, 2018, Pg 22 -33, https://doi.org/10.1016/j.micron.2018.02.010.