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Peter Cloetens is research scientist in the X-ray NanoProbe group at the ESRF. He pioneered several hard X-ray microscopy methods, including propagation based phase contrast X-ray imaging, synchrotron based tomography and nano-focus scanning microscopy. He implemented a high resolution absorption and phase contrast tomography station at the imaging beamline ID19 and was leader of the ESRF Upgrade project NINA. Currently he is in charge of the nano-imaging beamline ID16A-NI, a high flux nanoprobe for magnified coherent imaging and scanning microscopy. His interests include the methodologies, instrumentation and applications of hard X-ray nanoprobes for quantitative three-dimensional imaging. His research applications focus particularly on sub-cellular biological imaging and energy related materials. He received his PhD degree from the Department of Applied Sciences of the University of Brussels (VUB) in 1999. Peter Cloetens received the ESRF Young Scientist Award (1999) and shares the Bessy Innovation Award (2005), the French national prize "La recherche", human health section (2008) and the NASA Group Achievement Award to the Stardust Interstellar Preliminary Examination Team (2013).