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Laurent DAVID is Professor of fluid mechanics at the University of Poitiers since 2006. His PhD degree and his accreditation diploma to supervise research (HDR) were obtained respectively in 1996 and in 2005. Since 2010, he is at the head of the *Hydrodynamics and Environmental flow* section composed to 14 permanent researchers and involved in environmental hydrodynamics, open channel flows, solid transport and mixing, and flow rheology.

The research interests cover fundamental aspects of unsteady flows with moving structures, turbulent free-surface flows, environmental flows and mixing through different national and European programs. Fundamental contributions to optical flow measurements include PIV and stereoscopy PIV measurement techniques and recently free surface measurement and volumetric measurement techniques.