

Vincent RIALLE, PhD, is senior lecturer and hospital practitioner at the University Joseph Fourier (UJF), France, and at the University Hospital of Grenoble. In this hospital, he is head of a public health unit entitled “Alzheimer’s, Technology, and Sanitary and Social Interventional Methods” (ATMISS, Public Health Department) devoted to technology for homecare, autonomy and longevity, with a special focus on user needs, ethics, and multidimensional efficiency assessment. At the UJF, he is member of the research Laboratory ‘Age, Imaging and Modelling’ AGIM FRE 3405 CNRS-UJF/ Team GEM. He is also president of the French Society of Technologies for Autonomy and Gerontechnology, and member of the board of the International Society for Gerontechnology.

His professional activities (teaching, research, hospital practice and various responsibilities) are entirely devoted to science and technology for homecare and autonomy and longevity, with a special focus on users’ needs, ethics, and multidisciplinary evaluation of technology and ICT-based services.

V. Rialle received the PhD degree in Biomedical engineering in 1987 from the Joseph Fourier University (UJF, Grenoble), and the PhD degree in Biomedical Ethics in 2007 from the University Paris-Descartes; he also received a MA degree in Prospective and Science Policy in 1975, and a MA degree in Social Science in 1983, both from the University Pierre Mendès France (Grenoble).

He has worked in several areas of medical informatics and artificial intelligence since 1980, with a special focus on ‘smart’ homes for healthcare and ‘ageing in’ place technologies since 1995, including topics such as users’ and stakeholders’ needs assessment, participative design, cognitive modelling, barrier free technology, and intelligent remote monitoring. From 2002, he specialised in ethics of design, usage, and evaluation in the field of gerontechnology.

He has published over 200 peer-reviewed journals and congress communications, and has directed or co-directed numerous national or international research projects for over 30 years. He has served as advisor to about 100 PhD students, MS students, post-doctoral fellows, undergraduates in Medicine and Computer Science.

5 publications:

Rialle V, Ollivet C, Brissonneau C, Leard F, Barth I, Extra J, et al. [Alzheimer's disease and geolocation: initial results of the Estima study]. *Soins Gerontologie*. 2012;93:28-31.

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Serna A, Pigot H, Rialle V. A Computational model of activities performance decrease in Alzheimer's disease. *International Journal of Medical Informatics*. 2007, vol. 76(S3), pp. S377-S383.

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