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*Jean-Luc Garden is in charge of a technological group inside the Institut Néel laboratory in Grenoble. The group named “thermometric sensors and calorimetry pool” is specialized in the conception, design and development of high sensitive nanocalorimetric devices. These experiments lead on the state of the art in high sensitive microfabricated thermometric sensors, low noise electronics, and thermal and mechanical designs. He is author of more than thirty publications, four book chapters, three patents, and has been invited several times in international conferences (Russia, Brazil, Japan....). Furthermore, J.-L. Garden develops his own thermodynamic models based on non-equilibrium thermodynamics to explain the results of the nanocalorimetric experiments. He is now in charge of the following of the intellectual property and industrial partnership projects inside the Institut Néel laboratory.*