

Alberto Giuliano Albo is specialist in experimental measurements of thermodynamic properties in particular speed of sound and density of fluids. He contributed to the new determination of the Boltzmann constant by means of acoustic thermometers that led to the new definition of kelvin. He has worked on the measurements of speed of sound of refrigerants of the fourth generation, in metastable states of liquid water, heavy water and sea water, for improving the international formulation for the properties of water and steam (IAPWS-95). Recently, he contributed to obtain new speed of sound measurements in energy gases liquefied at cryogenic temperatures. He participated, and is participating, to several European projects mainly focused on energy and industrial metrological aspects. He is the INRiM contact person of the European Metrology Network for Clean Energy.