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Sommario/riassunto	ESGCO 2022 will focus on a wide range of topics ranging from basic research of cardiovascular oscillations to the clinical application of cardiovascular signals analysis tools The conference will encompass widest range of topics related to cardiovascular oscillations, starting with the analysis of various input signals (ECG derived beat to beat measures, blood pressure recordings, impedance cardiography derived measures, etc) The uni , bi or multivariate analysis of these signals and their mutual connections or their interconnections with respiratory or brain activities on a wide range of time scales will be also presented Focusing on clinical application, we await the contributions related to the influence of various pathological states on cardiovascular system control, cardiorespiratory interactions, and brain heart interplay in the various areas of medicine (neonatology, neurology, cardiology, psychiatry, infectology, anesthesiology, etc).