Ioannis Seimenis holds a B.Sc. in Physics from the National and Kapodistrian University of Athens, an M.Sc. in Medical Physics and a Ph.D. in Medical Physics from the University of Aberdeen. He is a medical physicist board-certified in both ionising and non-ionising radiation physics.

Ioannis is currently serving as Professor of Medical Physics in the School of Medicine at the National and Kapodistrian University of Athens. In the past he held a research post in the University of Aberdeen (Department of Biomedical Physics and Bio-Engineering), before holding a series of posts in the medical industry and in the private healthcare sector in Greece and Cyprus. He joined academia in 2010 as an Associate Professor in Medical Physics in the School of Medicine at the Democritus University of Thrace. He served as Professor, Director of the Medical Physics Laboratory and Head of the Division of Medical Morphology and Clinical Laboratories in the Democritus School of Medicine till 2019, when he joined the National and Kapodistrian University of Athens.

Ioannis is an elected member of the Executive Board of the Hellenic Association of Medical Physicists (HAMP), in which he serves as special secretariat. He chairs the national committee for Radioprotection Expert certification in medical exposures. He is a member of the ionising and non-ionising radiation Committee of the Ministry of Health and a member of the Medical Physics Subcommittee of the Central Board of Health. He is an elected member of the Steering Committee of the Hellenic Federation of University Teachers' Associations and a member of the Steering Committee in the Inter-University and Inter-Departmental postgraduate course in "Medical and Radiation Physics".

The main research interests of professor Seimenis lie in the field of medical imaging. He focuses on both methodological and clinical aspects, whilst he holds a special interest in the development of new diagnostic approaches. He has co-authored 116 peer-reviewed publications (21 h-index and 1498 citations in the scopus database, 26 h-index ans 2206 citations in the google scholar database), as well as 140 abstracts in international conference proceedings. He has served as member of the Program or Scientific Committee in over 30 Scientific Conferences, Workshops and Meetings, whilst he has given over 50 lectures as invited speaker in Scientific Conference Meetings. Professor Seimenis has participated in 30 competitive research projects funded by national (Great Britain, Cyprus and Greece) and international research promoting bodies, including an ongoing H2020 project in artificial Intelligence (INCISIVE: A multimodal AI-based toolbox and an interoperable health imaging repository for the empowerment of imaging analysis related to the diagnosis, prediction and follow-up of cancer).