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Dr. Sechopoulos is the director of the Advanced X-ray Tomographic Imaging (AXTI) laboratory of the Department of Radiology, Nuclear Medicine, and Anatomy of the Radboud University Medical Center, and scientific advisor of the Dutch Expert Center for Screening (LRCB). He obtained his Ph.D. from the Georgia Institute of Technology, in Atlanta, USA, performing research in the area of digital breast tomosynthesis at Emory University. Since then, his main area of research is the development of advanced x-ray-based imaging techniques, especially for breast cancer detection, diagnosis and therapy, in addition to performing research on various aspects of body CT.

Dr. Sechopoulos is or has been a member or chair of two dozen different tasks groups and committees of the American Association of Physicists in Medicine (AAPM), the European Federation for Organization of Medical Physics (EFOMP), the Radiological Society of North America (RSNA), and the European Society of Breast Imaging (EUSOBI). He is a member of the editorial board of the international journals Medical Physics and Radiology, and associate editor of Physica Medica: European Journal of Medical Physics.