

EDITORIAL

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MPI Special Issues Co-Editors

This Special Issue dedicated to Medical Physics History includes five new articles from the IOMP History Project. It continues the coverage of the History of Medical Ultrasound. Part II of this history, published here, covers the diagnostic ultrasound imaging, Doppler ultrasound and some therapeutic uses of ultrasound. An interesting part of this Special issue is the description of the difficulties that faced engineers and developers in creating equipment for the healthcare market. This is supported by a case study with the Diasonograph. In order to see the link between this Special Issue and the previous one (also related to Ultrasound), we have re-published here the introduction to the Ultrasound History Part I, made by Dr. Francis Duck, MBE, who coordinated both parts of this Medical Ultrasound History project.

We are very happy to see that the overall popularity of the History Project is growing - each MPI Special Issues has over 10,000 downloads. This is a clear indication of the value that the profession sees in the project. All of the medical physics history articles can be accessed through: <http://www.mpijournal.org/history.aspx>

The History topics extensively covered in MPI so far include:

Special issue 1- <http://www.mpijournal.org/pdf/2018-SI-01/MPI-2018-SI-01.pdf>

*X-ray Tubes Development; *Film-Screen Radiography Receptor Development; *History of Medical Physics e-Learning Introduction and First Steps

Special issue 2 - <http://www.mpijournal.org/pdf/2019-SI-02/MPI-2019-SI-02.pdf>

*Fluoroscopic Technology from 1895 to 2019; *The Scientific and Technological Developments in Mammography;

*Review of the Physics of Mammography

Special issue 3 - <http://www.mpijournal.org/pdf/2020-SI-03/MPI-2020-SI-03.pdf>

*History of Dental Radiography ; *The History of Contrast Media Development in X-Ray Diagnostic Radiology;

*Medical Physics Development in Africa

Special issue 4 - <http://www.mpijournal.org/pdf/2020-SI-04/MPI-2020-SI-04.pdf>

*A Retrospective of Cobalt-60 Radiation Therapy; *The Many Steps and Evolution in the Development of Computed Tomography; *Medical Physics Development in South-East Asia; *History of Medical Physics Education and Training in Central and Eastern Europe

Special issue 5 - <http://www.mpijournal.org/pdf/2021-SI-05/MPI-2021-SI-05.pdf>

* Ultrasound – The First Fifty Years; *Measurement of Acoustic Pressure and Intensity Using Hydrophones; * Measurement of Acoustic Power and Intensity Using Radiation Force; *Development of Thermal Methods for Ultrasound Measurement

Additionally, we have published summative papers related to the development of medical physics in the Middle East (A Niroomand-Rad et al, MPI vol.5 No.2, 2017) and in Central America (W Chanta et al, MPI vol.7 No1, 2019). In the MPI Issue of June 2020 we included a paper related to the History of IUPESM. In the coming regular issue of the MPI Journal we include papers describing the MEFOMP activities, etc.

The Content of the Special History Issues of the Medical Physics International (MPI) Journal supports the objective of the History project: to research, organize, preserve, and publish on the evolution and developments of medical physics and clinical applications that are the foundations of our profession.

We welcome contributions of colleagues from all societies, organizations and companies who would like to join the History project with articles on specific topics. We look forward to receiving your suggestions.



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Prof. Perry Sprawls



Prof. Geoffrey Ibbott