

EDITORIAL

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MPI Special Issues Co-Editors

This Special Issue includes specific articles on the history of Fractionation in External-Beam Radiotherapy; the historical development of Medical Physics education delivery, one of the first books on medical physics from 1885 and others. Medical Physics is a dynamic profession constantly advancing with innovations and developments in technology, scientific methods, and clinical applications. The profession as we now know, practice, and teach it, has a rich history and heritage that is its foundation. This is the foundation built by many pioneers and collaborating physicists whose vision and efforts led to the development of medical physics as we know it today. As we read and reflect on the historical events described in this Edition it might be interesting to think of ourselves in their position, both time and available technical resources, and how we might have advanced the practice of medical physics.

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 50 Years; *Measurement of Acoustic Pressure and Intensity Using Hydrophones; * Measurement of Acoustic Power and Intensity Using Radiation Force; *Thermal Methods for Ultrasound Measurement development

Special Issue 6 - <http://www.mpijournal.org/pdf/2021-SI-06/MPI-2021-SI-06.pdf>

*History of Medical Ultrasound-Imaging; *The Dasonograph Story; *Hewlett Packard - Innovations that Transformed Diagnostic Ultrasound Imaging; *History Of Doppler Ultrasound; *A History of HIFU Therapy

Special Issue 7 - <http://www.mpijournal.org/pdf/2022-SI-07/MPI-2022-SI-07.pdf>

* IOMP HISTORY – Activity Development and Main Documents (3 papers 1960-2022); IOMP HISTORY TABLES

Additionally, history information about the development of medical physics in all continents can be seen in the Regular issues of MPI 2019-2021, where all IOMP Regional Organisations included papers about the professional and educational development in many of the countries within their geographical areas. 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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