



Invitation letter

Medical Imaging – Standardization and its Impact on Patient Care



In the 21st century, the standardization of medical practice is paramount to increasing the quality of patient care.

In a world dominated by digital information in which clinical data needs to be exchanged by systems of a variety too large to comprehend, standardizing the form in which clinical data is recorded, stored and transmitted is the key to achieving the goal of improving the quality of patient care.

Worldwide efforts in imposing such technical standards started in the USA in the later part of the 20th century and they led to the creation of international standards bodies, such as DICOM – overseeing aspects of medical images, HL7 – dealing with aspects of medical information other than images, such as medical reports, lab results – and IHE – Integrating the Healthcare Enterprise – an international standards body helping bring the technical aspects of medical informatics into the clinical practice.

This year, in April 2017 we are honored to announce that **The DICOM Standards Committee** have their annual European meeting in Cluj Napoca, Romania.

With this occasion, DICOM and interoperability experts from leading medical software companies and research institutions in the world are welcoming you to the workshop entitled “**Medical Imaging – Standardization and its Impact on Patient Care**”.

You will have the possibility to learn about DICOM – aspects such as conformance, its usage in areas as diverse as creating video material suitable for transmission, medical imaging concepts, discussion on interoperability and other subjects, shown in the attached agenda.

Who should attend

This open event is targeted at physicians, radiologists, CIOs of medical institutions, medical physicists and software engineers who wish to get acquainted or broaden their views on the field of Medical Imaging.

Agenda

Please see the attached PDF describing the workshop agenda. Alternatively, you can see the agenda in your browser by accessing <http://www.dicomconference.org/romania-agenda/>

Please also follow the Facebook page describing the event for posts about the speakers and the content of the workshop, by clicking <https://www.facebook.com/events/2091741704385741/>

When and Where

The event will take place on **April 13th 2017, starting at 9.00AM**. The event is kindly hosted by Iuliu Hatieganu University of Medicine and Pharmacy Cluj Napoca at its Multimedia Room located at Victor Babeş nr. 8.

This tiny URL link will open up google maps on your device with the exact location of the event: <http://tinyurl.com/kyhyece>

Event registration

In order to register, please click on this link - <http://www.dicomconference.org/registration-romania/>

Besides the accredited workshop on April 13th, those of you who are interested are welcome to register to attend for the DICOM Working group meetings held on April 10-11 and/or the DICOM Standards Committee meeting on April 12th.

ABOUT DICOM

DICOM — Digital Imaging and Communications in Medicine — is the international standard for medical images and related information (ISO 12052). It defines the formats for medical images that can be exchanged with the data and quality necessary for clinical use. DICOM is implemented in almost every radiology, cardiology imaging, and radiotherapy device (X-ray, CT, MRI, ultrasound, etc.), and increasingly in devices in other medical domains such as ophthalmology and dentistry. With tens of thousands of imaging devices in use, DICOM is one of the most widely deployed healthcare messaging standards in the world. There are literally billions of DICOM images currently in use for clinical care. Since its first publication in 1993, DICOM has revolutionized the practice of radiology, allowing the replacement of X-ray film with a fully digital workflow. Much as the Internet has become the platform for new consumer information applications, DICOM has enabled advanced medical imaging applications that have “changed the face of clinical medicine”. From the emergency department, to cardiac stress testing, to breast cancer detection, DICOM is the standard that makes medical imaging work — for doctors and for patients.

Cordially yours,

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