

Reported by (Name):	Nicholas Bevins
Organization:	DICOM
Position Title:	AAPM Representative to WG02 (XA/X-ray) AAPM Representative to WG28 (Physics) AAPM Representative to DICOM Standard Committee AAPM Observer to WG06 (Base Standard) AAPM Observer to WG21 (CT)
Activity:	2024 Summary
Meeting Dates:	<p>WG02/28 (joint meetings): Attending as chair of WG28 and AAPM voting representative Jan 18 (virtual) Apr 17-19 (London, England) Jun 13 (virtual) Sept 10 (virtual) Oct 16-18 (Palermo, Italy) Dec 9 (virtual)</p> <p>WG06: Meets 6 times per year (each for 5 days). I attend as requested for active work items and change proposals. Jan 11 (virtual) Feb 26 (virtual) May 30 (virtual) Aug 20-21 (virtual) Nov 4, 6 (virtual)</p> <p>DSC: Meets twice per year. Attend as needed and submit chair reports for DICOM WG28 Jan 15, Jan 29, Feb 12, Feb 26 (virtual); exploratory meetings for DICOM 4 with WG10)</p> <p>WG21: Jan 31 (virtual) Mar 27 (virtual) Apr 24 (virtual) Aug 28 (virtual)</p>

Meeting Location:	Listed above. Mostly virtual
Payment \$:	WG02/28 meeting April: \$2790.76 WG02/28 meeting Oct: \$3338.18
Reasons for Attending or not Attending	My primary DICOM responsibility is as chair of WG28 (physics). This leads to leading the effort for the WG on various change proposals and supplements which are circulated to other WGs (particularly WG06 and WG21 this year). I attend those meetings to discuss those work items and then bring that feedback back to WG02/28.
Issues from Previous Meetings or Year:	<ul style="list-style-type: none"> - WG02/28 is working through a supplement to the DICOM Part 17 informative annex which will describe the creation and interpretation of RDSRs. This has led to several new CPs to clean up the existing standard for consistency in dose reporting structures. This work is ongoing and is expected to continue through 2025 due to the length of the supplement. - WG02/28 is also extending the protocol storage objects from CT and XA to DX/RF/MG. This will create a framework to transfer both defined and performed protocol storage objects to better relay the technical parameters accompanying the image data. Again, this is ongoing work and expected to continue through 2025.
General Description of Activities of the Organization and/or Meeting:	<p>DICOM is organized into WGs based on typical work items and topics. This may be by modality (e.g., XA, CT, MG, RT) or subject (security, outreach, teaching). Work items approved by the DICOM Standards Committee (DSC) are assigned to WGs to complete and this effort may involve input or feedback from other WGs. Membership is a mix of both users and manufacturers, creating good relationships and understandings for the DICOM framework. AAPM's representation at these meetings is critical for both the successful and reasonable implementation of the DICOM standard and so the AAPM members has a conduit to these efforts.</p> <p>Full list of meetings and minutes can be found here: https://www.dicomstandard.org/activity/wgs</p>

<p>Issues for AAPM:</p>	<p>AAPM has several members volunteering for the most active DICOM WGs. These members are passionate and volunteer significant time. Maintaining this group of volunteers (and potentially expanding it) is vital for the continued success of having a seat at the DICOM table.</p> <p>DICOM 4 was another big item this year and raised the potential for an entirely new version of the standard which may have abandoned the backward compatibility of DICOM 3 (the current standard, in place since the early 1990s). Ultimately, DICOM 4 was dropped, with recognition that new parts of the standard (e.g., DICOMweb) may already fill some of the typically cited shortcomings.</p> <p>Lastly, there is a potential for DICOM to be moving from NEMA to Advamed following the departure from NEMA of several major manufacturers. There are current discussions of ownership over DICOM and ultimately the AAPM representatives (3 total) will have the ability to vote on this when it likely comes up in 2025.</p>
<p>Budget Request (\$):</p>	<p>Continued support for AAPM representation on DICOM WGs through DICOMC budgeting process. Some groups have moved to more virtual meetings, though in person, multi-day meetings are still planned for other groups.</p>