<table>
<thead>
<tr>
<th>DATE</th>
<th>TITLE</th>
<th>SPEAKER</th>
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<tr>
<td>9/23</td>
<td>“(Almost) All about coordinates-Fourier, PCA, and Deep Learning”</td>
<td>Dan Ruan, PhD</td>
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<td>Associate Professor of Radiation Oncology</td>
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<tr>
<td>9/30</td>
<td>“Generative AI and its applications in Medical Imaging”</td>
<td>Anand Santhanam, PhD</td>
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<td>Associate Professor of Radiation Oncology</td>
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<td>10/07</td>
<td>“Quantifying Treatment Plan Quality: Setting the Context for Automated Planning”</td>
<td>Jack Neylon, PhD</td>
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<td>10/14</td>
<td>“MRI and artificial intelligence in prostate cancer diagnosis”</td>
<td>Kyung Sung, PhD</td>
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<td>10/21</td>
<td>“What I Talk About When I Talk About Medical Physics Research”</td>
<td>Ke Sheng, PhD</td>
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<td>10/28</td>
<td>“Perona-Malik model for compressed sensing MRI/MRSI reconstruction and the choice of gradient directions”</td>
<td>Ajin Joy, PhD</td>
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<td>11/04</td>
<td>“pH-weighted molecular MRI in brain tumors”</td>
<td>Benjamin Ellingson, PhD</td>
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<td>11/18</td>
<td>&quot;Beyond 4DCT: It's About Time&quot;</td>
<td>Dan Low, PhD</td>
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<td>Professor of Radiation Oncology and Vice Chair of Physics</td>
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<td>12/02</td>
<td>TBD</td>
<td>Holden Wu, PhD</td>
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