



# Great Lakes Chapter

## American Association of Physicists in Medicine

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### 2021 GLC-AAPM Annual Meeting (virtual) **“Digital Transformation in Medical Physics and Patient Care”**

Wednesday, December 8<sup>th</sup>, 5:00 pm – 8:30 pm EST

We are in the midst of massive disruption and changes under digital transformation which has offered our profession the opportunity to be more effective and efficient. We are entering a new way of working and thinking. Digital transformation is everywhere and is being talked about by everyone. How do medical physicists take advantage of the development of underpinning technologies such as machine learning, big data, internet of things, and cloud computing to digitally transform our services for patient care? We invite all GLC members and friends to join us for the 2021 GLC-AAPM Annual Meeting to learn more!

[RSVP/Register Here](#)

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# Invited Speakers



## **Flemming Forsberg, Ph.D.**

Professor of Radiology  
Director of Ultrasound Physics  
Head of Research, JUREI  
Thomas Jefferson University  
Philadelphia, PA



## **Maryellen L. Giger, Ph.D.**

A.N. Pritzker Distinguished Service Professor of Radiology  
Member of the Committee on Medical Physics  
Vice-Chair of Research, Department of Radiology  
University of Chicago  
Chicago, IL



## **David Jaffray, Ph.D.**

Professor of Radiation Physics  
Chief Technology and Digital Officer  
University of Texas MD Anderson Cancer Center  
Houston, TX



## **Tom Mikkelsen, M.D.**

Medical Director, Precision Medicine Program & Clinical Trials  
Neurology & Neurosurgery Depts., Henry Ford Health System  
Professor of Neurology, Wayne State University  
Detroit, MI

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# 2021 GLC-AAPM Annual Meeting

Wednesday, December 8<sup>th</sup>, 5:00 pm – 8:30 pm EST

- 5:00 pm *Welcoming Remarks* **Adrian Nalichowski Ph.D.**  
GLC-AAPM President-Elect
- 5:10 pm *Digital Transformation Leading to AI in Medical Imaging*  
**Maryellen L. Giger, Ph.D.**  
Moderator: **Jennifer Dolan, Ph.D.**
- 5:45 pm *From Diagnosis to Therapy with Ultrasound Contrast Imaging*  
**Flemming Forsberg, Ph.D.**  
Moderator: **Jennifer Dolan, Ph.D.**
- 6:15 pm *Gold Sponsor Presentation*
- 6:20 pm *Leadership through Digital Transformation*  
**David Jaffray, Ph.D.**  
Moderator: **Jennifer Dolan, Ph.D.**
- 6:55 pm *Gold Sponsor Presentation*
- 7:00 pm *Digital Transformation in Personalized Medicine*  
**Tom Mikkelsen, M.D.**  
Moderator: **Jennifer Dolan, Ph.D.**
- 7:35 pm *Gold Sponsor Presentation*
- 7:40 pm *Round table discussion: Challenges and Futures of Digital Transformation*  
**Flemming Forsberg, Ph.D.**  
**Maryellen L. Giger, Ph.D.**  
**David Jaffray, Ph.D.**  
**Tom Mikkelsen, M.D.**  
Moderator: **Winston Wen, Ph.D.**
- 8:15 pm *Closing Remarks* **Winston Wen, Ph.D.**  
GLC-AAPM President