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## Duke University to host the First International Summit for Virtual Imaging Trials in Medicine

Durham, NC—The first international summit on Virtual Imaging Trials in Medicine (VITM24) will be hosted by Duke University on April 22-24. This summit will gather leading experts, researchers, and practitioners in medical imaging and therapy using *in silico* virtual trials and digital twins in medicine. These technologies use computation models simulating the patient, the medical intervention, and the resulting outcome in medical care for individuals and populations.

“The objective of this Summit is to consolidate the latest developments and innovations, summarize the current status, and envision the future prospects of this field,” said Dr. Ehsan Samei, the Program Director and Reed and Martha Rice Distinguished Professor of Radiology at Duke University. “Cost, time, and ethics of the experimentation are key challenges in the current practice of medicine. *In silico* trials offer an efficient approach to test medical interventions prior to their use, offering a new way to personalize, quantify, and optimize healthcare.”

The summit is meant to serve as a forum to discuss methods, opportunities, challenges, and future directions of virtual trials in medicine. Participants from the United States, Europe, Asia, and Australia, will gather in Durham for this two-and-a-half-day event. Over 80 scientific abstracts are included in the program, together with four discussion panels, four keynote speakers, and a specific industry session. VITM24 also offers perspectives from regulatory bodies and funding agencies.

“VITM24 is not just a conference, it is a dynamic convergence of research and clinical excellence,” said Duke Radiology Chair, Dr. Erik Paulson. “VITM24 will explore the latest research findings and innovations in the realm of medical imaging and therapy. But also discover practical applications, experiences, and insights related to healthcare, medical practices, and clinical trials.”

### Available for Interviews:

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*Center for Virtual Imaging Trials*  
*A virtual platform for evaluating medical imaging technologies from design to use*