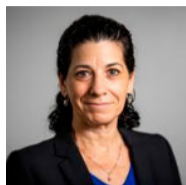


# GeMAIHc 2027

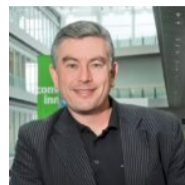
## 1st INTERNATIONAL SCHOOL ON GENERATIVE & MULTIMODAL AI FOR HEALTHCARE

Milan, Italy · 1 - 5 February, 2027

### Keynotes

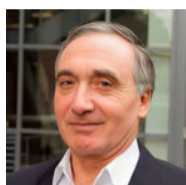


**Deborah Estrin**  
Cornell University  
Transforming Longitudinal Care with Digital Biomarkers and Therapeutics



**Lyle Palmer**  
Adelaide University  
tba

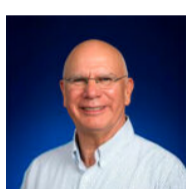
### Courses (list to be completed)



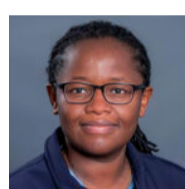
**Pierre Baldi**  
University of California Irvine  
[introductory/advanced] The AI-driven Healthcare of the Future



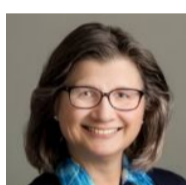
**Alejandro Frangi**  
University of Manchester  
[intermediate/advanced] Virtual Patient Populations for In Silico Trials Using Generative AI Based on Multimodal Real-World Data



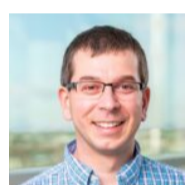
**Charles Friedman**  
University of Michigan  
[introductory] Synergizing AI and Learning Health Systems to Transform Health



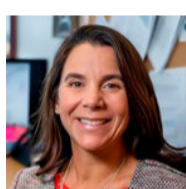
**Judy Wawira Gichoya**  
Emory University  
[introductory/advanced] Combination in a Hands on Lab for Harmonizing Radiology Datasets



**Maryellen Giger**  
University of Chicago  
tba



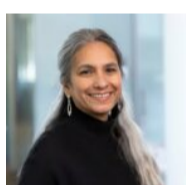
**Casey Greene**  
University of Colorado  
[introductory/advanced] Translating Generative AI into Healthcare from Pharmacogenomics to Foundation Models



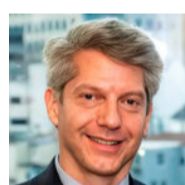
**Tina Hernandez-Boussard**  
Stanford University  
[intermediate/advanced] The AI Lifecycle in Healthcare: Evaluation, Deployment, and Responsible Implementation



**Jianying Hu**  
IBM Thomas J. Watson Research Center  
[intermediate/advanced] Advanced Computing for Biomedical Research and Discovery



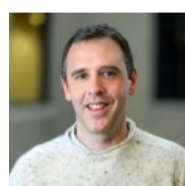
**Jayashree Kalpathy-Cramer**  
University of Colorado  
[introductory] Toward Digital Twins: Multimodal AI for Imaging and Precision Medicine



**Alex John London**  
Carnegie Mellon University  
[intermediate/advanced] Ethical and Scientific Challenges to Unlocking the Clinical Value of Artificial Intelligence



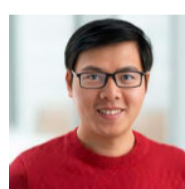
**Faisal Mahmood**  
Harvard University  
tba



**Tom Pollard**  
Massachusetts Institute of Technology  
tba



**Hoifung Poon**  
Microsoft Research  
[advanced] Toward Virtual Patient: AI for Accelerating Medical Discovery



**Jian Tang**  
Mila-Québec AI Institute  
[introductory/advanced] Generative AI for Protein Design



**Peter van Ooijen**  
University of Groningen  
[intermediate] Multimodal AI for Adaptive Radiotherapy: Tumor Segmentation, Uncertainty, and Explainability



**Karin Verspoor**  
Royal Melbourne Institute of Technology  
tba



**Jelmer M. Wolterink**  
University of Twente  
tba

More info: <https://gemaih.c.irdta.eu/2027>



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