Time (EU)	Session Chair	Category	Speaker(s)	Topic/Title
14:30 –15:00	**Kathy Grise & Julie Bernicker**	Opening Ceremony	N/A	Poster Viewing & Networking
15:00 – 15:40	**May Wang**	Keynote	**Dr. Po-Shen Loh**, *Carnegie Mellon University*	A New Approach for Fighting Pandemics, Combining Game Theory, Mobile Devices, and Network Theory
15:40 – 15:45		Transition		
15:45 – 16:25	**Konstantina Nikita**	Keynote	**Dr. Dimitris Bertsimas**, *Massachusetts Institute of Technology*	Data-Driven COVID-19 Vaccine Development for Janssen
16:25 – 16:30		Transition		
16:30 – 17:10	**Kathy Grise & Julie Bernicker**	Plenary Activities	• **Dr. Roberto Saracco**, *IEEE Future Directions Committee* • **Dr. Carolyn McGregor**, *Ontario Tech University*	• Use of Personal Digital Twin in Epidemic Monitoring and Control • Pivoting AI for Health and Wellness through Transdisciplinary Innovation to Combat COVID-19
17:10 – 17:15		Transition		
17:15 – 17:55	**May Wang & Kathy Grise**	Keynote	**Dr. Elizabeth Mynatt**, *Georgia Institute of Technology*	Combatting Health Disparities By Supporting Community Led Covid Response for Underserved Populations

Time (EU)	Session Chair	Category	Speaker(s)	Topic/Title
17:55 – 18:00		Transition		
18:00 – 19:15	**Maria Fernanda Cabrera, Yasemin Akay, & Kathy Grise**	Lunch Featured Panels	• **Dr. Barbara Di Camillo**, *University of Padova* • **Dr. Arianna Dagliati**, University of Pavia • **Dr. Elizabeth Mynatt**, *Georgia Institute of Technology* • **Dr. Azadeh Yadollahi**, *Institute of Biomaterials and Biomedical Engineering at the University of Toronto*	• Facing COVID Health Disparities in Health Care of ALS and MS Patients: The BRAINTEASER Experience • International EHR data to Conduct Collaborative COVID-19 Research: is Health Informatics Inclusive by Design? • Combatting Health Disparities By Supporting Community Led Covid Response for Underserved Populations • The Lingering Effects of COVID on Women in Academia and Research
19:15 – 19:30		Transition		

Time (EU)	Session Chair	Category	Speaker(s)	Topic/Title
19:30 – 21:00	**Yufei Huang & Byung-Jun Yoon**	Plenary Activities	• **Dr. Ahmed A. Metwally**, *Illumina AI Laboratory* • **Dr. Elebeoba E. May**, *University of Houston* • **Dr. Mario Flores**, *University of Texas at San Antonio* • **Dr. Despina Moschou**, *University of Bath* • **Dr. Kristen Beck**, *IBM*	• Pre-symptomatic detection of COVID-19 from smartwatch data • Incorporating the Biomedical State of the Host in Multiscale Models of Infection and Disease • Deep Learning in Single Cell Analysis – A Survey of the Application of Deep Learning for scRNA-seq Analysis in the Present Pandemic • Lab-on-PCB Technology and the COVID-19 Outbreak Case Study • Semi-supervised Identification of SARS-CoV-2 Molecular Targets
21:00 – 21:15		**BREAK**		

Time (EU)	Session Chair	Category	Speaker(s)	Topic/Title
21:15 – 22:20	**Andrew Laine and Subhamoy Mandal**	Plenary Activities	**DATA HACKATHON** • *Best Poster Award (By Invitation Only): Costas Pattichis, Subhamoy Mandal, Mario Flores, Andrew Laine, and Yufei Huang* • *Best Data Hackathon Award (By Invitation Only): Nantia Nikita, Andrew Laine, Byung-Jun Yoon, Mario Flores, Yufei Huang, Bobak Mortazavi, Subhamoy Mandal, and May D Wang*	
22:20 – 22:30		**BREAK**		
22:30 – 23:45	**May Wang and Kathy Grise**	Plenary Activities	**Networking**	