

Open mind Symposium 2021 Pitch list

1 Human Centered Technology & AI for Health

1	Cloud walker, low effort walking for people with spinal cord injury	Gerwin Smit, assistant professor, TU Delft, Rutger Osterthun, Rijndam Revalidatie and Erasmus MC
2	Photoacoustic balloon Catheter for Intracardiac radiofrequency (RF) ablation monitoring	Sophinese Iskander-Rizk, Assistant Professor, TU Delft, Antonio López Marín, PhD candidate, Erasmus University Medical Center, Alina Rwei, Assistant Professor, TU Delft
3	ULTRAPROBE: Ultrasensitive digital probe for transcranial ultrasound imaging of the brain	Dr. Chao Chen Postdoctoral researcher, TU Delft, Dr. Pieter Kruizinga Assistant professor, Erasmus MC
4	Tissue interface engineering using bitmap 3D printing techniques	Mohammad J. Mirzaali, Delft University of Technology, Michele Fenu, Postdoc at EMC
5	The oxygen axis: breathing air into a collaboration for patient-centered functional monitoring with the O2-Sense	Esther Warnert, PhD, Erasmus MC, Alina Rwei, PhD, Delft University of Technology
6	Contactless Monitoring of Neonates in the Intensive Care Unit	Caitlin Ramsey, SophiaHospital Erasmus MC, PhD Student

2 Improving Health Journeys

1	My Self-Portrait–child patients in charge of their own medical record.	Kasia Tabeau, Assistant Professor Health Services Innovation and Cocreation, Erasmus School of Health Policy & Management
2	Improving the health journeys of heart failure patients by linking clinical data with data on causes of death and health care utilization.	Mrs. Hamraz Mokri Affiliation: Erasmus School of Health policy and Management (ESHPM), Erasmus University Rotterdam
3	Convergence for Individualizing Treatment Using Statistical approaches (CITRUS)	Andreas Alfons (corresponding author), Erasmus School of Economics (EUR), Associate professor
4	Economic impact of dental caries lesions among children in the Netherlands	Dr. Lea Kragt, post-doctoral fellow

3 Technology Supported Transitions		
1	Value-Sensitive Conversational Agents to Support Mental Wellbeing in Children: an Experience Sampling Approach	Dr. Olya Kudina, Assistant Professor, Ethics/Philosophy of Technology, Delft University of Technology, co-applicant: Dr. Jeroen Legerstee, Postdoctoral researcher Erasmus MC & Sophia Children's Hospital, 100% full-time, j.s.legerstee@erasmusmc.nl, +31107040209.
2	Towards effective implementation of value-driven OR triage: a pilot evaluation.	Anouk van Alphen, EMC, PhD candidate, Sandra Sülz, EUR ESHPM, Assistant Professor, Oana Inel, TU Delft (TUD), Post-doc, Computer Science Department
3	CHANGE! (Conscious Health dAta shariNg in movinG RottErdam!)	Linda Al-Hassany, MSc, Internal Medicine, Erasmus MC, Els Leclercq, PhD, faculty of Architecture in the Built Environment (Delft University of Technology)
4	Patient sc-AI-nce: a method for integrating patient experiences in text mining analysis	Dr. Rik Wehrens, Erasmus University (ESHPM), Jiwon Jung, TU Delft (IDE), Dr. Lea Jabbarian, Erasmus MC (EMC), rasmusmc.nl
4 Fundamentals of Health & Disease		
1	Scanning Confocal Nuclear Microscope for improved Radiopharmaceutical Imaging,	Dr. Julie Nonnekens, Assistant Professor Erasmus MC Rotterdam
2	Advancing cancer treatment with CERN technology	Antonia Denkova, TU Delft (Radiation Science and Technology, Applied Sciences) Associate Professor
3	Live cell microscopy setup for visualizing cellular responses to DNA PROTON damage	Johan Slotman, PostDoc, dept. of Pathology, Erasmus MC
4	e-FUNseq: Electrophysiology-based functional single cell sequencing	Miao-Ping Chien, Erasmus University Medical Center, group leader

5 Education Projects		
1	Learning from the students: Convergence in practice	Assoc. Prof. Timon Idema, Department of Bionanoscience, TU Delft
2	Problem-based Project Learning to Converge Health & Technology for medical students	Silvan Licher, MD, Postdoctoral Research Fellow - department of Epidemiology ErasmusMC
3	A convergence course on “digital transformation in healthcare”	Amir Omidvari: Postdoc researcher, Department of Cardiology, Erasmus MC
4	Values Taking Shape: A collaborative deliberation toolkit for Convergence Squares	Samantha Copeland; Assistant Professor Ethics and Philosophy of Technology, co-PI Converging Ethics for Converging Technologies Impulse umbrella project