

## SCIENTIFIC PROGRAMME | 10.10 – 11.10 | Oral Presentations Session 1&2

Nr	Session-Room	Time slot	Name	Fac-Dept-Chair	ABSTRACT TITLE
1	1-TL2275	10.10-10.20	<b>Nina Baumgartner</b>	BMS-HBE-IEMS	REDUCING HELICOPTER EMS CANCELLATIONS BY STRATEGICALLY POSTPONING TAKE-OFF
2	1-TL2275	10.22-10.32	<b>Patryk Rygiel</b>	EEMCS-AM-MIA	NEURAL SURROGATES FOR HEMODYNAMICS ESTIMATION IN CARDIOVASCULAR DISEASES
3	1-TL2275	10.34-10.44	<b>Celine Bouwmeester</b>	ET-BE -NR	A LOWER-BODY MOTION DATASET FOR GAIT-RELATED ACTIVITIES IN 40 STROKE SURVIVORS
4	1-TL2275	10.46-10.56	<b>Nicole Rabou</b>	EEMCS-EE-RaM	TOWARDS PAINLESS MAGNETICALLY ACTUATED VIDEO CAPSULE FOR COLONOSCOPY
5	1-TL2275	10.58-11.08	<b>Mart Kortman</b>	TNW-BIS-M3I	QUANTIFYING THE MESH TRAJECTORY AFTER PELVIC MESH SURGERY USING LOW-FIELD MR IMAGES
6	2-TL1133	10.10-10.20	<b>Deepa</b>	TNW-BET-DBE	DESIGN AND OPTIMIZATION OF NITRIC OXIDE (NO) RELEASING HYBRID SUPRAMOLECULAR HYDROGELS FOR CARDIOVASCULAR APPLICATIONS
7	2-TL1133	10.22-10.32	<b>Youssef Elwan</b>	BMS-TPS-HTSR	SIMULATION OF MENTAL HEALTHCARE DYNAMICS IN AMSTERDAM NOORD – A CONCEPTUAL MODEL FOR A HYBRID SIMULATION APPROACH.
8	2-TL1133	10.34-10.44	<b>Pauline Fonteijn</b>	EEMCS-AM-MOR	A ROADMAP TO REGIONAL COLLABORATION AMONG HOME CARE AND CARE HOME ORGANIZATIONS CONSIDERING EMPLOYEE PREFERENCES
9	2-TL1133	10.46-10.56	<b>Sam Kroezen</b>	ET-BE -BDDP	3D VIRTUAL SURGICAL PLANNING AND PATIENT SPECIFIC GUIDES FOR CHARCOT FOOT RECONSTRUCTION
10	2-TL1133	10.58-11.08	<b>Wietske Verveld</b>	TNW-BIS-BMPI	ANGULAR LIGHT SCATTERING IN HUMAN MILK: MEASUREMENTS AND SIMULATIONS

## SCIENTIFIC PROGRAMME | 10.10 – 11.10 | Moderated Poster Tour 1&2

Nr	Session-	Time slot	Name	Fac-Dept-Chair	ABSTRACT TITLE:
1	1-Atrium	10.10-10.15	<b>Antonio Lobosco</b>	ET-BE-SR	A LIGHT-ACTUATED INCHWORM ROBOT DESIGNED FOR FUTURE ENDOLUMINAL NAVIGATION
2	1-Atrium	10.15-10.20	<b>Irina De Alba Alvarez</b>	TNW-BIS-M3I	MULTIMODAL EVALUATION OF PELVIC FLOOR MUSCLE FUNCTION
3	1-Atrium	10.20-10.25	<b>Pengfei Han</b>	ET-BE -BDDP	COMPRESSION THERAPY IN HUMAN BODY APPLICATIONS: AN OVERVIEW FROM PRINCIPLES TO PRACTICE
4	1-Atrium	10.25-10.30	<b>Rami Mobarak</b>	ET-BE -NR	CONTEXT-INFORMED MYOELECTRIC CONTROL OF LOWER-LIMB ASSISTIVE DEVICES DURING GAIT USING A LOW-COST WEARABLE ARMBAND
5	1-Atrium	10.30-10.35	<b>Alice Correia</b>	BMS-HBE-IEMS	SPATIOTEMPORAL ANALYSIS OF OUT-OF-HOSPITAL CARDIAC ARREST
6	1-Atrium	10.35-10.40	<b>Marc Heinle</b>	BMS-TPS-HTSR	ESTIMATION OF WORKFORCE ALLOCATION TO DISEASES FOR HOSPITAL-BASED HEALTHCARE PROFESSIONALS
7	1-Atrium	10.40-10.45	<b>Nan Lubbers</b>	TNW-BIS-M3I	IMPROVING THE MALIGNANCY RISK ASSESSMENT OF THYROID NODULES WITH PHOTOACOUSTIC IMAGING: AN IN VIVO STUDY
8	1-Atrium	10.45-10.50	<b>Jolijn Dijksterhuis</b>	EEMCS-EE-BSS	PROVIDING INSIGHT IN RESILIENCE AND RECOVERY BY USING FATIGABILITY AND ITS DEVELOPMENT OVER TIME IN OLDER ADULTS AFTER HIP FRACTURE SURGERY
9	1-Atrium	10.50-10.55	<b>Richard Gjaltema</b>	EEMCS-EE-RaM	REAL-TIME MRI-BASED TUMOUR TRACKING FOR CLOSED-LOOP ROBOTIC LIVER BIOPSY
	1-Atrium	10.55-11.10	<b>Open discussion</b>		
11	2-Balustrade	10.10-10.15	<b>Dennis Christie</b>	ET-BE -BDDP	A NAVIGATION-GUIDED A-MODE ULTRASOUND SYSTEM FOR IMPROVING NON-INVASIVE TIBIOFEMORAL JOINT KINEMATIC ESTIMATION
12	2-Balustrade	10.15-10.20	<b>Malgorzata Tasiar</b>	TNW-BET-AOT	USAGE OF SULFONATED POLYMER AS AN ADDITIVE FOR FABRICATION OF LONG TERM FILTRATION HOLLOW FIBER MEMBRANES FOR DIALYSIS
13	2-Balustrade	10.20-10.25	<b>Naomi van Stralen</b>	ET-DPM-IxD	DESIGNING FOR PREVENTIVE HEALTH IN A COMPLEX SOCIETY: 10 STRATEGIES
14	2-Balustrade	10.25-10.30	<b>Jodi Sturge</b>	ET-DPM-IxD	A MULTI-SENSORY DESIGN APPROACH TO HOSPITAL AT HOME
15	2-Balustrade	10.30-10.35	<b>Ana Boamfa</b>	TNW-BIS-BMPI	IMAGING THE LACTATING BREAST: DIXON MRI FOR QUANTIFYING COMPOSITION CHANGES FOLLOWING MILK EXPRESSION
16	2-Balustrade	10.35-10.40	<b>Hein Lucassen</b>	ET-BE -BDDP	PHYSIOLOGICAL JOINT COUPLINGS IN ACTIVITIES OF DAILY LIVING TO SUPPORT MINIMAL UPPER LIMB ASSISTIVE DEVICE DESIGN
17	2-Balustrade	10.40-10.45	<b>Tamara Arendshorst-Ruuls</b>	EEMCS-EE-BSS	PREDICTING PEDIATRIC ASTHMA EXACERBATIONS USING AI-BASED SYMPTOM AND TRIGGER EXTRACTION
18	2-Balustrade	10.45-10.50	<b>Cheramise Leilis</b>	TNW-BIS-M3I	THE ANATOMICAL EFFECT OF ROBOT-ASSISTED SACROCOLPOPEXY ASSESSED WITH UPRIGHT MRI
19	2-Balustrade	10.50-10.55	<b>Yutong An</b>	ET-DPM-HCD	TO STAGE OR NOT TO STAGE: MAPPING SELF-DEFINED STAGES OF CANCER EXPERIENCE
	2-Balustrade	11.00-11.10	<b>Open discussion</b>		