

## SCIENTIFIC PROGRAMME | 14.40 – 15.40 | Oral Presentations Session 5&6

Nr	Session-Room	Time slot	Name	Fac-Dept-Chair	ABSTRACT TITLE
21	5-TL2275	14.40-14.50	<b>Thao Nguyen</b>	BMS-HBE-IEMS	MPROVING THE WORKDAY: ACTIVITY SCHEDULING FOR VIRTUAL CARE NURSES
22	5-TL2275	14.52-15.02	<b>Nikki van Loenen</b>	EEMCS-EE-BIOS	URINE-BASED POINT OF CARE DEVICES FOR CERVICAL CANCER SCREENING
23	5-TL2275	15.04-15.14	<b>Romy Maas</b>	TNW-BIS-BMPI	THE EFFECT OF FOOT SKIN TEMPERATURE ON LASER SPECKLE CONTRAST IMAGING (LSCI) AND TRANSCUTANEOUS OXYGEN PRESSURE (TCPO <sub>2</sub> ) MEASUREMENTS
24	5-TL2275	15.16-15.26	<b>Mostafa Selim</b>	EEMCS-EE-RaM	PASSIVE HAPTIC GUIDANCE FOR TELEOPERATED NEEDLE INSERTION: A SHARED CONTROL FRAMEWORK FOR ACCURATE AND SAFE PERCUTANEOUS BIOPSIES
25	5-TL2275	15.28-15.38	<b>Narcisa Dobre</b>	BMS-TPS-HTSR	DRUG REPURPOSING FOR ADVANCED KNEE OSTEOARTHRITIS: AN EARLY HEALTH TECHNOLOGY ASSESSMENT
26	6-TL1133	14.40-14.50	<b>Ali Ramezani</b>	ET-BE -BDDP	ANALYSIS OF DISTRIBUTED MECHANICAL STRESS ON THE HUMAN LARGE INTESTINE IN LAPAROSCOPIC GRASPING
27	6-TL1133	14.52-15.02	<b>Liz Heemskerk</b>	TNW-BIS-M3I	URINE INCONTINENCE? LET'S TAKE A LOOK AT YOUR PELVIC FLOOR MUSCLE FUNCTION
28	6-TL1133	15.04-15.14	<b>Shreyasi Pathak</b>	EEMCS-EE-BSS	REALITY-CENTRIC AI FOR BREAST CANCER PREDICTION
29	6-TL1133	15.16-15.26	<b>Guido Wiersma</b>	TNW-BIS-CNPH	FROM BURST-SUPPRESSION TO ALPHA RHYTHMS: DECODING THE COMATOSE BRAIN
30	6-TL1133	15.28-15.38	<b>Hermen de Roo</b>	TNW-POF-POF	CAPILLARY MODEL FOR ULTRASOUND-TRIGGERED LOCAL DRUG DELIVERY

## SCIENTIFIC PROGRAMME | 14.40 – 15.40 | Moderated Poster Tour 5&6

Nr	Session-	Time slot	Name	Fac-Dept-Chair	ABSTRACT TITLE:
41	5-Atrium	14.40-14.45	<b>Jasper Bos</b>	EEMCS-CS-DMB	SMARTROLL: A SMART, SITUATED PHYSICAL ACTIVITY GUIDANCE SYSTEM FOR STIMULATING FRAIL OLDER ADULTS REHABILITATING AFTER HIP FRACTURE SURGERY
42	5-Atrium	14.45-14.50	<b>Elham Nasser</b>	TNW-BET-AOT	TOWARDS AN UPSCALED BIOARTIFICIAL KIDNEY DEVICE
43	5-Atrium	14.50-14.55	<b>Simone Fani</b>	ET-BE -NR	TOWARD USE OF SYNERGY-BASED PROSTHETIC HANDS FOR ACTIVITIES OF DAILY LIVING BY TRANSRADIAL AMPUTEES: A CLINICAL TRIAL
44	5-Atrium	14.55-15.00	<b>Milad Hayati</b>	EEMCS-EE-RaM	ADAPTIVE CONTROL OF A SOFT PNEUMATIC ORIGAMI ENDOSCOPIC ACTUATOR
45	5-Atrium	15.00-15.05	<b>Selena Peters</b>	TNW-BIS-M3I	ASSESSING THE FUNCTION OF THE PELVIC FLOOR MUSCLES BASED ON ULTRASOUND - DOES IT WORK?
46	5-Atrium	15.05-15.10	<b>Tara Tabak</b>	EEMCS-EE-RaM	DIFFERENCES IN PHYSIOLOGIC ACTIVITY DISTRIBUTION BETWEEN MALE AND FEMALE WITH [18F]FDOPA PET/CT IMAGING
47	5-Atrium	15.10-15.15	<b>Swapnil Mache</b>	TNW-BIS-BMPI	SIMULATING SCATTERING BY RED BLOOD CELLS USING IN-HOUSE DEVELOPED MAXWELL SOLVER
48	5-Atrium	15.15-15.20	<b>Rianne Arling</b>	ET-BE -BDDP	THE EFFECT OF TOTAL KNEE ASTHROPLASTY (TKA) IMPLANT ALIGNMENT ON THE PATELLOFEMORAL BIOMECHANICS
	5-Atrium	15.20-15.40	<b>Open discussion</b>		
51	6-Balustrade	14.40-14.45	<b>Sofia Contini</b>	ET-BE -BRT	A PERSONALIZED AI-BASED THERAPY SUPPORT SYSTEM FOR LOWER LIMB ROBOTIC REHABILITATION
52	6-Balustrade	14.45-14.50	<b>Gwenn Englebienne</b>	EEMCS-CS-HMI	A SMART MATTRESS FOR PRESSURE ULCER PREDICTION
53	6-Balustrade	14.50-14.55	<b>Quinten Veerman</b>	ET-BE -BDDP	LEG ALIGNMENT NORMAL VALUES OF A 2D FRAMEWORK MIGHT NOT BE VALID FOR A CONSENSUS-BASED 3D FRAMEWORK
54	6-Balustrade	14.55-15.00	<b>Chris Petri</b>	EEMCS-AM-MOR	DECIDING ON PATIENT ADMISSION IN AFTERCARE
55	6-Balustrade	15.00-15.05	<b>Lucia Romano</b>	TNW-BET-AOT	DEVELOPMENT OF OUTSIDE-IN FILTRATION HOLLOW FIBERS FOR ARTIFICIAL PLACENTA SYSTEM
56	6-Balustrade	15.05-15.10	<b>Fleur Derks</b>	ET-BE -BDDP	EVALUATING MUSCLE CONTRIBUTIONS TO KNEE JOINT LOADING IN BELOW-KNEE AMPUTEES: A MUSCULOSKELETAL MODELING APPROACH
57	6-Balustrade	15.10-15.15	<b>Lukas Masjosthusmann</b>	ET-BE-SR	HYBNETIC: A MOBILE HYBRID MAGNETIC ACTUATION SYSTEM
58	6-Balustrade	15.15-15.20	<b>Lisette Masselink</b>	ET-BE -NR	MODELLING OF THE HUMAN-EXOSKELETON INTERACTION INTERFACE: CURRENT AND FUTURE APPROACHES
59	6-Balustrade	15.20-15.25	<b>Neha Thakur</b>	TNW-BET-DBE	NUCLEIC ACID BIOINSPIRED HYDROGELS FOR ADVANCING MICRO-ENGINEERED HEART TISSUE MODELS
	6-Balustrade	15.25-15.40	<b>Open discussion</b>		