

Supporting Health by Technology



Thursday, May 16th		
09:00 - 09:30	Coffee & Registration	Reception
09:30 - 12:00	Pre-Conference Workshops	Workshop Leaders
	<i>Adherence, engagement & log data</i>	Dr. S. Kelders, Room 1 Dr. F. Sieverink,
	<i>Design thinking: learning by doing</i>	J. Goris, MSc, Room 2
	<i>Dissemination of research findings of ENTWINE Informal Care</i>	Prof. M. Hagedoorn, Room 5 Prof. R. Sanderman
	<i>Virtual reality, RelieVR™ & Chronic Pain</i>	RelieVR Team Room 6
12:00 - 13:00	Lunch Break	Restaurant
13:00 - 13:10	Opening	Room 14
13:10 - 14:00	Keynote	Speaker Room 14
	<i>Neuroscience of Virtual Reality</i>	Prof. G. Riva
14:00 - 14:30	Break	Topsportlounge
14:30 - 15:45	Individual Sessions & Symposia	Speakers
	Monitoring, Feedback & Depression – Riese	Room 1
	<i>REAL-TIME DETECTION OF EARLY SIGNS OF DEPRESSIVE RELAPSE BY MOOD MONITORING AND STATISTICAL PROCESS CONTROL</i>	Smit
	<i>DEVELOPING A FLEXIBLE INTERFACE TO GENERATE PERSONALIZED DIARIES IN MENTAL HEALTH CARE</i>	Bos
	<i>A PERSONALIZED MONITORING AND FEEDBACK TOOL AS AN ADD-ON TO SUPPORT STANDARD TREATMENT FOR DEPRESSION</i>	Riese
	<i>HOW CAN A SMARTPHONE PREDICT A MANIA OR DEPRESSION?</i>	Terpstra
	(In)formal Care & Technology – Looijmans	Room 2
	<i>GOALS AND CONFLICTS OF INFORMAL CAREGIVERS OF PATIENTS IN THE PALLIATIVE PHASE</i>	Looijmans
	<i>TELECARE FOR HEART PATIENTS: ARTICULATING KNOWLEDGE FROM EXPERIENCED PATIENTS AND PROFESSIONALS</i>	Hout
	<i>BENEFITS OF SMART COMMUNICATION BETWEEN SOCIAL ROBOTS AND EPD'S, FOR CLIENTS WITH EARLY STAGE MEMORYLOSS</i>	Kazimier
<i>IAMYU: IDEOGRAPHIC ADAPTIVE MONITORING IN REAL-WORLD RESIDENTIAL YOUTH CARE</i>	Lichtwarck-Aschoff	
Symposium Serious Games – Gemert Pijnen	Room 6	
<i>DESIGNING AND TESTING A MOBILE GAME TO HELP YOUNG PEOPLE QUIT SMOKING</i>	Scholten	
<i>TAKE A DEEP BREATH: BIOFEEDBACK VIDEO GAMES FOR ANXIETY REGULATION</i>	Weerdmeester	
<i>IN-GAME PLAY BEHAVIORS DURING AN APPLIED VIDEO GAME FOR ANXIETY PREVENTION PREDICT SUCCESSFUL INTERVENTION OUTCOMES</i>	Wols	
<i>EXPLICIT MENTAL HEALTH MESSAGING INFLUENCES VIDEO GAME SELECTION IN YOUTH WITH ELEVATED MENTAL HEALTH SYMPTOMS</i>	Poppelaars	
15:45 - 16:15	Tea Break	Topsportlounge
16:15 - 17:30	Individual & Demo Sessions	Speakers
	Health Advice & Technology - Kelders	Room 6
	<i>360 DEGREES DIAGNOSIS OF TYPE 2 DIABETES TO PERSONALISE LIFESTYLE ADVICE</i>	Otten
	<i>DENTAL COACH ("MONDMAATJE"), DENTAL CARE E-HEALTH PREVENTION PROGRAMME WITH AN APP</i>	Grundemann
	<i>MEASURING ENGAGEMENT TO EHEALTH INTERVENTIONS: TESTING THE TWENTE ENGAGEMENT TO EHEALTH TECHNOLOGIES SCALE (TWEETS)</i>	Kelders
	<i>TECHNOLOGY AS A SOURCE OF HEALTH INFORMATION FOR YOUTH IN EGYPT</i>	Hassan
	Games & Virtual Reality - Spil	Room 1
	<i>EXPLORING THE POTENTIAL OF VIRTUAL REALITY IN PATIENT EDUCATION: THE CASE OF CHRONIC KIDNEY PATIENTS</i>	Van Praet
	<i>ASCES: A BALANCED GAME BASED SOLUTION FOR CHRONIC DISEASES</i>	Spil
	<i>DESIGN OF A SMARTPHONE APPLICATION TO PROVIDE VIRTUAL HEALTH COACHING FOR ASTHMATIC CHILDREN</i>	Das
<i>DEVELOPMENT AND EVALUATION OF A VIRTUAL REALITY PUZZLE GAME TO DECREASE FOOD INTAKE</i>	Van der Laan	
Demo Session 1 - Wartena	Room 2	
<i>ASCAPED: DESIGN OF A VIRTUAL ESCAPE ROOM TO TRAIN SOCIAL SKILLS FOR CHILDREN WITH ASD</i>	Wartena	
<i>EHEALTH TECHNOLOGY TO PREVENT AND CONTROL ZOO NOTIC OUTBREAKS: THE ONE HEALTH HUB.</i>	Beerlage-de Jong	
<i>BLENDED EHEALTH EDUCATION</i>	Köhle	
<i>SPEECH THERAPY APP (STAPP): CHALLENGES AND OPPORTUNITIES IN TERMS OF A SUSTAINABLE BUSINESS MODEL</i>	Feiken	
18:30-21:00	Conference Dinner at Weeva	Weeva

Friday, May 17th		
09:00-10:15	Individual Sessions & Symposia	Speakers
	Tools to Monitor and Stimulate Physical Activity - ACTITHINGS TOOLKIT: SUPPORTING ADHERENCE TO PHYSICAL EXERCISE PROGRAMS BY PROVIDING NOTIFICATIONS IN OPPORTUNE MOMENTS FIT FOR PLAY: EXERGAMING TO STIMULATE INACTIVE CHILDREN ON BEHALF OF THEIR LONG-TERM HEALTH EXTENDING FACE-TO-FACE EXERCISE PROGRAMS FOR OLDER ADULTS WITH A TABLET AND E-COACHING FOXFIT: A SMART TOOL TO STIMULATE PHYSICAL ACTIVITY IN CHILDREN WITH ASTHMA	Beck Meijburg Mehra Brons
	Adherence & Engagement - Spahrkäs HOW DO WE MEASURE ADHERENCE TO A BLENDED SMOKING CESSATION TREATMENT? FACTORS RELATED TO SUCCESS AND FAILURE OF APP-BASED TREATMENT IN WOMEN WITH URINARY INCONTINENCE. BEATING CANCER FATIGUE WITH THE INTERNATIONAL UNTIRE APP – RECRUITMENT, PARTICIPANTS & UPTAKE	Siemer Abbenhuis Spahrkäs
	Symposium Technology and Mental Health - Bongers INTRODUCTION ACADEMIC COLLABORATIVE CENTRE 'TECHNOLOGICAL AND SOCIAL INNOVATION FOR MENTAL HEALTH' WARM TECHNOLOGY: A HUMANE, AFFECT-CENTERED DESIGN APPROACH FOR AND WITH INDIVIDUALS LIVING WITH DEMENTIA ENHANCING EMPATHY IN MENTAL HEALTHCARE: OPPORTUNITIES OFFERED BY SOCIAL INTERACTION TECHNOLOGIES PERSONAS FOR THE DESIGN OF A PLAYFUL TRAINING ENVIRONMENT FOR SKILL ENHANCEMENT IN EMENTAL HEALTH	Bongers Tummers Feijt Bierbooms
	🔒 Special Round Table - Closed Session in Dutch – Only on Invitation – Under lead by Prof. van Gemert-Pijnen DUURZAME SAMENWERKING VOOR OPSCHALING VAN ZORGTECHNOLOGIE EN INNOVATIES: DIABETES EN HARTFALEN	Van Gemert-Pijnen
10:15 – 10:45	Coffee Break	Springerfoyer
10:45 – 12:00	Self-Monitoring and Management - Bode EVALUATING THE FEASIBILITY OF A MOBILE SELF-MANAGEMENT APPLICATION FOR PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE PERSONAL HEALTH RECORD; MEANINGFUL USE FOR FACILITATING SUSTAINABLE LIFESTYLE CHANGE IN REHABILITATION WHICH ASPECTS OF SELF-MANAGEMENT IN CHRONIC SOMATIC CONDITIONS ARE SUPPORTED BY EHEALTH AND MHEALTH APPLICATIONS? THE QUANTIFIED SELF (QS): HOW CAN MONITORING ONE'S OWN BEHAVIOR LEAD TO HEALTH BEHAVIOR CHANGE?	Kooij Heide Bode Dijkstra
	Monitoring & Coaching - Caiani FEASIBILITY OF SMARTPHONE'S ACCELEROMETERS TO DETECT INDUCED CARDIAC DECONDITIONING IN BEDRIDDEN VOLUNTEERS INVESTIGATING RESILIENCE PATTERNS BASED ON WITHIN-SUBJECT CHANGES IN SLEEP AND RESTING HEART RATE VARIABILITY ADVANCING EHEALTH DEVELOPMENT TO SUPPORT SELF-MANAGEMENT OF CARDIOVASC. DISEASES INTEGRATING THE CEHRES-ROADMAP WITH MULTIDISCIPL. THEORIES DEVELOPMENT OF A NOVEL DECISION-MAKING SUPPORT FRAMEWORK FOR PLANNING OF AUTOMATED EXTERNAL DEFIBRILLATORS DEPLOYMENT	Caiani Vries Cruz-Martínez Gianquintieri
	Demo Session 2 - PROMOTING QUALITY-ASSURED ONLINE SELF-TESTING FOR SEXUALLY TRANSMITTED INFECTIONS WITHIN A MARKET-DRIVEN CONTEXT DEVELOPMENT OF A PROTOTYPE PERSUASIVE VIRTUAL REALITY TRAINING SUPPORTING THE PREVENTION OF SURGICAL SITE INFECTIONS DESIGN OF AN EHEALTH APP TO IMPROVE IMPLICIT VITALITY IN BREASTCANCER PATIENTS: A CO-CREATION PROCESS ENABLING AUTOMATED COACHING	Vermeij Wrede Wolbers Dijkhuis
	Special Round Table - Open Session in Dutch – Under lead by Prof. van Gemert-Pijnen EHEALTH IMPLEMENTATIE WERKPLAATS, DELEN VAN KENNIS EN ERVARINGEN	Van Gemert-Pijnen
12:00-13:15	Lunch Break & Poster Presentations	Springerfoyer Springerfoyer
13:15-14:30	Machine Learning & Big Data – Van 't Veer IMPLEMENTATION OF A DIGITAL TOOLBOX IN SOCIAL SKILLS-INTERVENTIONS FOR CHILDREN WITH AUTISM: A SERVICE-DESIGN APPROACH THE ADAPTATION OF THE 'FIT FOR BLENDED CARE' INSTRUMENT TO SUPPORT THERAPISTS IN USING EHEALTH CAN COMPUTERS GET DIABETES? USING MACHINE LEARNING TO IMPROVE INSULIN DOSAGE ADVICE RISK FACTOR IDENTIFICATION AND CONTRIBUTION TO SURGERY-SPECIFIC SURGICAL SITE INFECTION	van't Veer Kip Hofte Niekerk
	Elderly & Healthy Ageing - Lahr PROACT: EVALUATING THE USER EXPERIENCE AND ECONOMICAL BENEFITS OF A SELF-MANAGEMENT CARE PLATFORM FOR MULTIMORBIDITY IMPLEMENTING EHEALTH FOR POSTOPERATIVE HOME MONITORING OF ELDERLY CANCER PATIENTS: A FEASIBILITY STUDY GROWING ROOTS: CONNECTING ELDERLY THROUGH AMBIENT NATURE PROJECTIONS NATALIE (NEED ARTICULATION THROUGH AUTONOMY LOSS IN ELDERLY)	Sillevis Smitt Lahr Houwelingen-Snippe Wartena
	Symposium Virtual Reality - Kelders WHICH PROFESSIONAL CONTEXTS CAN ENRICH THE TRAINING OF MEDICATION SKILLS OF NURSES THROUGH VIRTUAL REALITY? PREPARE FOR THE UNEXPECTED. USING VIRTUAL REALITY TO INNOVATE EDUCATION FOR AMBULANCE PARAMEDICS. EXPLORING THE ANTICIPATED USE OF HEAD MOUNTED DISPLAYS FOR FUTURE HEALTH CARE PROFESSIONALS.	Prins Dijksterhuis Zuidhof
14:30 – 15:00	Tea Break & Poster Awards	Springerfoyer
15:00 - 15:50	Keynote Bridging Developmental Science & Game Design to Create Video Games that Promote Emotional & Mental Health in Youth	Prof. I. Granic
15:50 - 16:00	Closing Ceremony	Springerfoyer
16:00 - 17:00	Drinks	Springerfoyer

Friday, May 17th

12:00-13:15

Poster Presentations

Presenters

<i>FACTORS INFLUENCING ADOPTION OF TECHNOLOGY BY NURSES</i>	Coffetti
<i>PRIDE AND PREJUDICE: TACKLING CHRONIC DISEASE PREVENTION THROUGH REAL-LIFE MONITORING AND CONTEXT-AWARE INTERVENTION DESIGN</i>	De Vries
<i>HEALTH AND WELLNESS IN A CONNECTED SOCIETY</i>	Hakvoort
<i>EFFECT OF MOTIVATIONAL INTERVIEWING COMBINED WITH DIGITAL SHOE-FITTING ON ADHERENCE TO ORTHOPEDIC SHOES: STUDY PROTOCOL</i>	Bode
<i>AUTOMATED REFLECTIVE E-COACHING FOR STRESS MANAGEMENT</i>	Lentferink
<i>WEARABLES IN THE CARE FOR PEOPLE WITH DEMENTIA SHOWING CHALLENGING BEHAVIOR</i>	Peeters
<i>TO IDENTIFY EFFICACIOUS SELF-REGULATION TECHNIQUES IN AN E- AND MHEALTH INTERVENTION TARGETING AN ACTIVE LIFESTYLE</i>	Schroé
<i>THE CHALLENGES OF A DIGITAL SOCIETY – A SHARED RESPONSE BY THE DUTCH UNIVERSITIES -</i>	Van der Vaart
<i>STRUCTURED APPROACH TO CREATE EHEALTH PERSONAS THAT HELP TO DEFINE INTENDED USE</i>	Wentzel
<i>WEIGHT MAINTENANCE: FINDING EFFECTIVE COMBINATION OF PERSUASIVE AND BEHAVIOR CHANGE TECHNIQUES STIMULATING MOTIVATION & ADHERENCE</i>	Wentzel / van Gemert Pijnen
<i>GRIDT: THE NETWORK FOR BEHAVIOR CHANGE AND SOCIAL MOVEMENTS</i>	Ong
<i>PERSONALIZED RECOMMENDATIONS FOR APPS THAT SUPPORT HEALTH BEHAVIOUR CHANGE</i>	Hendriks
<i>UNDERSTANDING HOW AND WHEN COMPUTER- AND GAME-BASED INTERVENTIONS HAVE IMPACT IN CHRONIC PAIN MANAGEMENT</i>	Vugts
<i>WAP AS AN EFFORT TO INCREASE THE HEALTH STATUS AND MENTAL HEALTH FOR TELKOM EMPLOYEE</i>	Maizawati
<i>MECHANISMS OF CHANGE OF APP-BASED INTERVENTIONS TO REDUCE PERSEVERATIVE COGNITION IN DEPRESSION: STUDY DESIGN</i>	Besten
<i>VIRTUAL REALITY RELAXATION FOR SELF-MANAGEMENT OF STRESS IN PATIENTS WITH PSYCHIATRIC SYMPTOMS</i>	Veling
<i>COUNCIL OF COACHES - A NOVEL HOLISTIC BEHAVIOR CHANGE COACHING APPROACH</i>	van den Boer
<i>CONNEXARE, AN MOBILE APP PROVIDING CONNECTED CARE AND INSIGHT IN THE PHYSICAL ACTIVITY AND ITS EFFECTS ON THE QOL OF CHRONIC LUNG PATIENTS</i>	Buithuis

