

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

Friday, May 17th		Speakers
09:00-10:15	Individual Sessions & Symposia	
	Tools to Monitor Physical Activity	
	ACTITHINGS TOOLKIT: SUPPORTING ADHERENCE TO PHYSICAL EXERCISE PROGRAMS BY PROVIDING NOTIFICATIONS IN OPPORTUNE MOMENTS	Beck
	FIT FOR PLAY: EXERGAMING TO STIMULATE INACTIVE CHILDREN ON BEHALF OF THEIR LONG-TERM HEALTH	Meijburg
	EXTENDING FACE-TO-FACE EXERCISE PROGRAMS FOR OLDER ADULTS WITH A TABLET AND E-COACHING	Mehra
	FOXFIT: A SMART TOOL TO STIMULATE PHYSICAL ACTIVITY IN CHILDREN WITH ASTHMA	Brons
	Adherence & Engagement	
	HOW DO WE MEASURE ADHERENCE TO A BLENDED SMOKING CESSATION TREATMENT?	Siemer
	MEASURING ENGAGEMENT TO EHEALTH INTERVENTIONS: TESTING THE TWENTE ENGAGEMENT TO EHEALTH TECHNOLOGIES SCALE (TWEETS)	Kelders
	FACTORS RELATED TO SUCCESS AND FAILURE OF APP-BASED TREATMENT IN WOMEN WITH URINARY INCONTINENCE.	Worp
	BEATING CANCER FATIGUE WITH THE INTERNATIONAL UNTIRE APP – RECRUITMENT, PARTICIPANTS & UPTAKE	Spahrkäs
	Symposium Technology and Mental Health	
	INTRODUCTION ACADEMIC COLLABORATIVE CENTRE 'TECHNOLOGICAL AND SOCIAL INNOVATION FOR MENTAL HEALTH'	Bongers
	WARM TECHNOLOGY: A HUMANE, AFFECT-CENTERED DESIGN APPROACH FOR AND WITH INDIVIDUALS LIVING WITH DEMENTIA	Ijsselsteijn
	ENHANCING EMPATHY IN MENTAL HEALTHCARE: OPPORTUNITIES OFFERED BY SOCIAL INTERACTION TECHNOLOGIES	Feijt
	PERSONAS FOR THE DESIGN OF A PLAYFUL TRAINING ENVIRONMENT FOR SKILL ENHANCEMENT IN MENTAL HEALTH	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	
10:45 – 12:00	Self-Monitoring and Management	
	EVALUATING THE FEASIBILITY OF A MOBILE SELF-MANAGEMENT APPLICATION FOR PATIENTS WITH CHRONIC OBSTRUCTIVE PULMONARY DISEASE	Kooij
	PERSONAL HEALTH RECORD; MEANINGFUL USE FOR FACILITATING SUSTAINABLE LIFESTYLE CHANGE IN REHABILITATION	Heide
	WHICH ASPECTS OF SELF-MANAGEMENT IN CHRONIC SOMATIC CONDITIONS ARE SUPPORTED BY EHEALTH AND MHEALTH APPLICATIONS?	Bode
	THE QUANTIFIED SELF (QS): HOW CAN MONITORING ONE'S OWN BEHAVIOR LEAD TO HEALTH BEHAVIOR CHANGE?	Dijkstra
	Monitoring & Coaching	
	FEASIBILITY OF SMARTPHONE'S ACCELEROMETERS TO DETECT INDUCED CARDIAC DECONDITIONING IN BEDRIDDEN VOLUNTEERS	Caiani
	INVESTIGATING RESILIENCE PATTERNS BASED ON WITHIN-SUBJECT CHANGES IN SLEEP AND RESTING HEART RATE VARIABILITY	Vries
	ADVANCING EHEALTH DEVELOPMENT TO SUPPORT SELF-MANAGEMENT OF CARDIOVASC. DISEASES INTEGRATING THE CEHRES-ROADMAP WITH MULTIDISCIPL. THEORIES	Cruz-Martínez
	DEVELOPMENT OF A NOVEL DECISION-MAKING SUPPORT FRAMEWORK FOR PLANNING OF AUTOMATED EXTERNAL DEFIBRILLATORS DEPLOYMENT	Gianquintieri
	Demo Session 2	
	DEVELOPMENT OF A PROTOTYPE PERSUASIVE VIRTUAL REALITY TRAINING SUPPORTING THE PREVENTION OF SURGICAL SITE INFECTIONS	Wrede
	DESIGN OF AN EHEALTH APP TO IMPROVE IMPLICIT VITALITY IN BREASTCANCER PATIENTS: A CO-CREATION PROCESS	Wolbers
	ENABLING AUTOMATED COACHING	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	
13:15-14:30	Machine Learning & Big Data	
	IMPLEMENTATION OF A DIGITAL TOOLBOX IN SOCIAL SKILLS-INTERVENTIONS FOR CHILDREN WITH AUTISM: A SERVICE-DESIGN APPROACH	Holterman
	THE ADAPTATION OF THE 'FIT FOR BLENDED CARE' INSTRUMENT TO SUPPORT THERAPISTS IN USING EHEALTH	Kip
	CAN COMPUTERS GET DIABETES? USING MACHINE LEARNING TO IMPROVE INSULIN DOSAGE ADVICE	Hofte
	RISK FACTOR IDENTIFICATION AND CONTRIBUTION TO SURGERY-SPECIFIC SURGICAL SITE INFECTION	Niekerk
	Elderly & Healthy Aging	
	PROACT: EVALUATING THE USER EXPERIENCE AND ECONOMICAL BENEFITS OF A SELF-MANAGEMENT CARE PLATFORM FOR MULTIMORBIDITY	Sillevis Smitt
	IMPLEMENTING EHEALTH FOR POSTOPERATIVE HOME MONITORING OF ELDERLY CANCER PATIENTS: A FEASIBILITY STUDY	Jonker
	GROWING ROOTS: CONNECTING ELDERLY THROUGH AMBIENT NATURE PROJECTIONS	Houwelingen-Snippe
	NATALIE (NEED ARTICULATION THROUGH AUTONOMY LOSS IN ELDERLY)	Wartena
	Symposium Virtual Reality	
	WHICH PROFESSIONAL CONTEXTS CAN ENRICH THE TRAINING OF MEDICATION SKILLS OF NURSES THROUGH VIRTUAL REALITY?	Prins
	PREPARE FOR THE UNEXPECTED. USING VIRTUAL REALITY TO INNOVATE EDUCATION FOR AMBULANCE PARAMEDICS.	Dijksterhuis
	EXPLORING THE ANTICIPATED USE OF HEAD MOUNTED DISPLAYS FOR FUTURE HEALTH CARE PROFESSIONALS.	Zuidhof
14:30 – 15:00	Tea Break & Poster Awards	
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	
16:00 - 17:00	Drinks	

12:00-13:15

Friday, May 17th		Presenters
Poster Presentations		(Alphabetical Order)
<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