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Nota di contenuto	Preface; Organization; Table of Contents; Research and Validation; A Serious Game to Inform about HIV Prevention: HInVaders, a Case Study; 1 Introduction; 2 Related Work; 3 The HInVaders Game; 3.1 Virus, antiretroviral and white blood cells; 3.2 The events; 3.3 After the event; 4 Tests; 5 Results; 5.1 Questions about HIV; 5.2 Perceived game pleasantness; 6 Conclusions; 7 References; From KinectTM to anatomically-correct motion modelling: Preliminary results for human application.; 1 Introduction; 2 Methodology; 3 Results; 4 Discussion; 5 Conclusion; 6 Acknowledgments; 7 References Fear and Happiness in ""Re-Mission"": Teasing Out Emotional Gaming Events Responsible for Cancer Risk Perception1 Introduction; 1.3 The Events of Conflict; 1.4 From Game Play to Emotional Involvement; 1.5 Emotions and Risk Perception; 1.6 Fear and Happiness in Risk Perception; 2 Methods; 2.1 Participants and Sampling Procedure; 2.2

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IGER: A Game Engine Specifically Tailored to Rehabilitation1 Exergames for Rehabilitation; 2 IGER: A Game Engine for Rehabilitation; 2.1 Efficacy; 2.2 Accessibility; 2.3 Motivation; 3 Results; 4 Discussion and Conclusion; 5 References; Designing Games for Children with Cerebral Palsy; 1 Introduction; 2 Cerebral Palsy; 3 Methodology; 3.1 Design and implementation; 4 Games for Health; 5 The Expert's opinion; 6 Why Make Health Games?; 7 Theoretical Framework; 7.1 Inclusion; 7.2 Learning; 8 Design; 8.1 Empathy in Design; 8.2 Unlocking Emotions; 8.3 The Game; 9 Tests and Results; 9.1 Results

10 Conclusion

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## Sommario/riassunto

Founded in 2004, the Games for Health Project supports community, knowledge and business development efforts to use cutting-edge games and game technologies to improve health and health care. The Games for Health Conference brings together researchers, medical professionals and game developers to share information about the impact of games, playful interaction and game technologies on health, health care and policy. Over two days, more than 400 attendees participate in over 60 sessions provided by an international array of 80+ speakers, cutting across a wide range of activities in health and health care. Topics include exergaming, physical therapy, disease management, health behavior change, biofeedback, rehab, epidemiology, training, cognitive health, nutrition and health education. Content The proceedings covers the peer-reviewed papers from the Games for Health Conference 2013. Target groups Game Developers, Game Designers Medical Professionals Researchers & Students Editors Ben Schouten is full professor in Playful Interaction at Eindhoven University of Technology, as well as associate professor Play & Game Design at Amsterdam University of Applied Sciences. He is a Member of the Dutch Games Association and advisor for the European Commission. Dr. Marlies P. Schijven is a surgeon at the Academic Medical Center in Amsterdam, and a renowned researcher in the field of Virtual Reality applications for healthcare, Simulation and Serious Gaming. Dr. Tilde Bekker is an associate professor in design research on playful interactions in the department Industrial Design at Eindhoven University of Technology. Her main research interests are designing for playful interaction, and designing products for children

and older adults. Dr. Stephen Fedtke is an IT specialist and highly recognized book author and editor. His focus is on the interdisciplinary application of information and media technologies, such as IT security, health and entertainment. Alex Gekker is a doctoral candidate at Utrecht University and member of the Games for Health Europe's founding team. His research focuses on playful everyday interactions in the digital maps domain.

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