



Discussion from/with invited speakers



Franck Barbier **Conference Chairperson**

Assistant Professor at the UVHC. He defended his PhD in 1994 and his HDR in 2005. He is actually searcher in the LAMIH-UMR CNRS 8530 and Assistant Head of the Faculty of Sport Sciences. His researches are focused on decision making and their applications are the human gait and load carrying with backpack. He manages industrial contracts with DECATHLON since 1995 and has a patent.



Serge van Sint Jan **President of the scientific committee**

Associate Professor at the Department of Anatomy of the Université Libre de Bruxelles since 1990. His research interests mainly include all aspects around anatomically correct modeling of the musculo-skeletal system and the related clinical aspects. He is now deeply involved in the co-organization of a coordination action that want to promote Physiome-like actions in Europe.





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Fabio Remondino - invited speaker

Scientific researcher at IGP - ETH Zurich, Switzerland, he graduated in environmental eng. at the TU Milan, Italy (1998) and obtained PhD in 'image-base modeling for object and human reconstruction' at the Institute of Geodesy and Photogrammetry. Chairman of ISPRS Commission V - Working Group 4 on 'Virtual Reality and Computer Animation'. Awarded with E.H.Thompson Award (2005) and ISPRS Best Young Author Award (2002). His fields of Interest are human body modeling, cultural heritage documentation, machine vision, close-range photogrammetry



Ugo Della Croce - invited speaker

Associate Professor at the Dipartimento Scienze Biomediche, Università degli Studi di Sassari, and adjunct Professor at the PM&R Department, University of Virginia Medical School, Charlottesville, Virginia (USA). Ugo Della Croce is lecturer at the PM&R Department Harvard Medical School, Boston, Massachusetts (USA). His main research activity is human movement analysis.





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Ajay Seth - invited speaker



He obtained his BSc (1997) and MSc (2000) in Systems Design Engineering. After his numerous industrial experiences (Canadian Space Agency, CEA Electronics Inc., VGI), he returned to academia to pursue his PhD under the guidance of Marcus G Pandy, University of Texas, Austin (USA). He was awarded a ISB Dissertation Grant (2004), a University of Texas Continuing Fellow (2004-05) and was granted the Komor New Investigator Award by the ISB Technical Group on Computer Simulation (2005). His research interests are the generation of patient specific models from imaging and clinical protocols and the integration of these models and simulations into the clinical regimen to analyze and treat musculoskeletal disorders.



Pierre Loslever - invited speaker

Pierre Loslever obtained his PhD in Human and Industrial Automatics in 1988. The topic was the ergonomics of the sitting posture in the data entry task using posture, performance and subjective data. The data analysis was performed thanks to multivariate statistical methods based on 1) clustering to get postural classes and 2) factor analysis interfaced with fuzzy windowing to get relation between objective and subjective data and the influence of the factors on the measurement variables. Since 2002 he is professor in automatic control at the university of Valenciennes and his research field concerns the data analysis in Human component system studies.





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Stefano Corrazza - invited speaker

He majored in Mechanical Engineering, University of Padova, Italy (1998), obtained a MSc in Design, University of Florence, Italy (1999) and a PhD in Mechanical Engineering, University of Parma, Italy (2002) and in Bioengineering, University of Parma, Italy (2005). Stefano Corrazza is currently a Postdoctoral Researcher at Stanford Biomotion Lab and Contract Professor of Bioengineering of Human Movement at University of Padova, Italy. His main current research is markerless motion capture for biomechanics.



Lars Mündermann - invited speaker

He majored in Physics at the Universität Konstanz, Germany, obtained a MSs in Physics from Portland State University, OR (1998) and his PhD in Computer Science / Computer Graphics from University of Calgary, Canada (2003). Lars Mündermann is currently a Postdoctoral Researcher in Biomechanical Engineering at Stanford University. His main current research area is development of a markerless motion capture system for biomechanical and medical applications.

