

POSTER PRESENTATION ROUND – 1:

Wednesday 13th June, 9:45-11:00 and 15:00-16:00

- **Presenters will stand next to their posters in these sessions**
- **Presentation in the session of Friday is optional**
- **All posters will remain on display throughout the conference.**

ID TITLE

- 001 Line length judgments are better when based on cutaneous rather than kinesthetic inputs
- 003 Design of Cylindrical Whole-hand Haptic Interface using Electrocutaneous Display
- 005 The precision of haptic rod length perception is reduced by vision
- 009 Sensorimotor feedback for interactive realism: evaluation of a haptic driving paradigm for a forklift simulator
- 010 Masking Effects for Damping JND
- 011 Near-Threshold Just Noticeable Differences of Vibrotactile Forces at the Fingertip
- 012 Mechanical Impedance as Coupling Parameter of Force and Deflection Perception: Experimental Evaluation
- 021 The Misperception of Length in Vision, Haptics and Audition
- 023 Haptic Invitation of Textures: An Estimation of Human Touch Motions
- 027 Towards a standard on evaluation of tactile/haptic interactions
- 028 SHIFT: Interactive Smartphone Bumper Case
- 029 Effect of Mechanical Ground on the Vibrotactile Perceived Intensity of a Handheld Object
- 032 Low-Cost 5-DOF Haptic Stylus Interaction using Two Phantom Omni Devices
- 034 Vertical Illusory Self-motion Through Haptic Stimulation of the Feet
- 036 FootGlove: a haptic device supporting the customer in the choice of the best fitting shoes
- 037 Investigating the effect of area of stimulation on cutaneous and proprioceptive weight perception
- 038 Visualization of Tactile Material Relationships Using Sound Symbolic Words
- 044 Cursor navigation using haptics for motion-impaired computer users
- 045 Comparison of Extensive vs. Confirmation Haptic Interfaces with Two Levels of Disruptive Tasks
- 049 Acquisition of elastically deformable object model based on measurement
- 053 Is the curvature in hand movements to haptic targets in the mid sagittal plane caused by a misjudgment in direction?
- 056 Exploring the Impact of Visual-Haptic Registration Accuracy in Augmented Reality
- 058 Dissociation of vibrotactile frequency discrimination performances for supra-threshold and near-threshold vibrations
- 061 Tactile Apparent Motion between Both Hands Based on Frequency Modulation
- 062 Feasibility Study of Levels-of-Detail in Point-based haptic rendering
- 067 An Ungrounded Pulling Force Feedback Device using Periodical Vibration-Impact
- 068 Saliency-Driven Tactile Effect Authoring for Real-Time Visuotactile Feedback

POSTER PRESENTATION ROUND – 2

Thursday 14th June, 9:30-11:00 and 15:00-16:00

- **Presenters will stand next to their posters in these sessions**
- **Presentation in the session of Friday is optional**
- **All posters will remain on display throughout the conference.**

ID TITLE

070	Contact Force During Active Roughness Perception
078	A Novel Miniature Kinaesthetic Tactile Actuator based on Magnetorheological Fluids
081	Immersive Direct Touch Haptic Display
082	Comparing Direct and Remote Tactile Feedback on Interactive Surfaces
086	Guiding tourists through haptic interaction: vibration feedback in the Lund Time Machine
089	New Control Architecture based on PXI for a 3-Finger Haptic Device Applied to Virtual Manipulation
090	How finger movement speed affects Braille pattern recognition
091	Novel Interactive Techniques for Bimanual Manipulation of 3D Objects with Two 3DoF Haptic Interfaces
093	Interaction Power Flow Based Control of a 1-DOF Hybrid Haptic Interface
099	Rediscovering the Haptic Sense Through Crossroads of Art and Design Research
101	Evaluating a Multipoint Tactile Renderer for Virtual Textured Surfaces
110	Finger-Mounted Skin Vibration Sensor for Active Touch
116	A Novel Stimulation Method Based on a Neuromorphic Mechanoreceptor Model for Haptic Illusion
124	Rendering Stiffness with a Prototype Haptic Glove Actuated by an Integrated Piezoelectric Motor
127	Augmentation of Material Property by Modulating Vibration Resulting from Tapping
129	Shaking a box to estimate the property of content
138	Vibrotactile Stimulation Can Affect Auditory Loudness: A Pilot Study
139	Utilizing Haptic Feedback in Drill Rigs
145	Hands Reaching Out of Dreamland: A Haptic Peripheral Alarm Clock
146	Evidence for 'Visual Enhancement of Touch' mediated by visual displays and its relationship with body ownership
147	Orientation inquiry: a new haptic interaction technique for non-visual pedestrian navigation
150	Haptic Force Perception in Bimanual Manipulation
151	Haptic stimulus for the discrimination between intrinsic properties of dynamic systems
153	Development of Intuitive Tactile Navigational Patterns
154	Stability of Model-Mediated Teleoperation: Discussion and Experiments
156	Backwards Maneuvering Powered Wheelchairs with Haptic Guidance
158	Haptic Object Exchange in Dyad