

IEEE WORLD HAPTICS 2011

21 - 24 JUNE, 2011 ISTANBUL, TURKEY

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WHC2011 Awards

 Best Paper Award



 Best Student Paper Award



 Best Demo Award



 Best Poster Award





Awards Committee



*Hong Z. Tan
(Chair)*



*Brent Gillespie
(Chair, best poster)*



Knut Drewing



Dangxiao Wang



*Günter Niemeyer
(demos only)*



Finalists: Best Demo Award

- ✚ ***“Integration of a High Performance Tactile Display in VR,”***
Ioannis Sarakoglou, Nadia Garcia-Hernandez, Nikolaos Tsagarakis, Darwin Caldwell
- ✚ ***“Multi-rate Multi-range Dynamic Simulation for Haptic Interaction,”*** Ikumi Susa, Makoto Sato, Shoichi Hasegawa
- ✚ ***“Electrovibrations for Hand Held Devices using TeslaTouch,”***
Ali Israr, Olivier Bau and Ivan Poupyrev
- ✚ ***“Subminiature Kinesthetic Display using MR Fluids for Handheld Devices,”*** Tae-Heon Yang, Sang-Youn Kim, Jeong-Hoi Koo, Ki-Uk Kyung, and Dong-Soo Kwon

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Finalists: Best Student Paper Award

- ✚ “***Haptic Navigation Along Filiform Neural Structures,***” Laura Raya , Miguel A. Otaduy , Marcos García
- ✚ “***On the $1/f$ Noise and Non-Integer Harmonic Decay of the Interaction of a Finger Sliding on Flat and Sinusoidal Surfaces,***” Michael Wiertlewski, Charles Hudin, Vincent Hayward
- ✚ “***Interactive Simulation of a Deformable Hand for Haptic Rendering,***” Carlos Garre, Fernando Hernández, Antonio Gracia, Miguel A. Otaduy
- ✚ “***Perceptual Space of Amplitude-Modulated Vibrotactile Stimuli,***” Gunhyuk Park , Seungmoon Choi

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Finalists: Best Poster Award

- ✚ “***Friction Rendering of Parametric Surfaces***,” Melda Ulusoy, Volkan Patoglu
- ✚ “***A New Subminiature Impact Actuator for Mobile Devices***,” Tae-Heon Yang, Dongbum Pyo, Sang-Youn Kim, Young-Jun Cho, Yu Dong Bae, Young Min Lee, Jeong Seok Lee, Eun Hwa Lee, Dong-Soo Kwon
- “***Edge Sharpness Perception with Force and Contact Location Information***,” Jaeyoung Park, Andrew Doxon, William Provancher, David Johnson, Hong Tan
- “***Towards an Objective Quality Evaluation Framework for Haptic Data Reduction***,” Rahul Chaudhari, Eckehard Steinbach, Sandra Hirche

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Finalists: Best Paper Award

- ✚ ***“Discriminating Tissue Stiffness with a Haptic Catheter: Feeling the Inside of the Beating Heart,”*** Samuel B. Kesner, Robert D. Howe
- ✚ ***“On the $1/f$ Noise and Non-Integer Harmonic Decay of the Interaction of a Finger Sliding on Flat and Sinusoidal Surfaces,”*** Michael Wiertlewski, Charles Hudin, Vincent Hayward
- ✚ ***“Interactive Simulation of a Deformable Hand for Haptic Rendering,”*** Carlos Garre, Fernando Hernández, Antonio Gracia, Miguel A. Otaduy
- ✚ ***“Application of Levant's Differentiator for Velocity Estimation and Increased Z-Width in Haptic Interfaces,”*** Vinay Chawda, Ozkan Celik, Marcia O'Malley

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