## Thursday

04 December 2014 Full Conference
 1 Full Conference One Day
 A Basic Conference 14:00 22:00 8:00 9:00 10:00 11:00 12:00 13:00 15:00 16:00 17:00 18:00 19:00 21:00 Digital Arts Lounge 10:00-18:00 Exhibition Hall 5 **Emerging Technologies** 10:00-18:00 Level **Exhibitor Talks Exhibitor Talks** 14:00-15:00 16:00-17:00 What's New in OpenGL®ES 3.1& ASTC Texture Compression Revolution in Post-Processing- Flowbox FX Exhibitor Talk Stage Hall 5 Registration 8:00-18:30 Convention Level 2 8:00-18:00 **Computer Animation Festival** Keynote Speaker 9:00-10:45 19:00-21:00 Can Asia Become Hollywood- Scott **Electronic Theater** Bougainville a Hall (Includes Opening& Awards Ceremony) **Networking Reception** 19:00-22:00 Central Hall **ACM SIGGRAPH Chapter** 11:00-12:45 Chrysanthe-mum Hall Managing your SIGGRAPH Chapter **Exhibitor Talks** 11:00-12:00 Base-FX **Exhibitor** May The Force Be With You Talk Stage Hall 5 VFX Journey-Transformers Symposium on Mobile Graphics and Interactive Applications Symposium on Mobile Graphics and Interactive Applications Symposium on Mobile Graphics and Interactive Symposium on Mobile Graphics and Interactive Applications 13:00-14:45 16:15-18:00 Level 5 Applications 11:00-12:15 **Presentation Session 1** Demonstrations 10:45-11:00 Keynote: The Evolution of Mobile Graphics and the Potential Impact on Interactive Applications •An Energy Efficient Hardware Multithreading Scheme for Mobile Ray Tracing Welcome Note Ross Hall 1 Shading Language Compiler Implementation for a Mobile Ray Tracing Accelerator A Feasibility Study for Ray Tracing on Mobile GPUs Courses 11:00-12:45 Rose Hall 2 Shadertoy: Learn to Create Everything in a Fragment Shader Courses 11:00-12:45 Rose Hall 3 Modern OpenGL Programming Courses 11:00-12:45 Peony Hall Cross-Cultural User-Experience Design: Worldwide and China **Computer Animation Festival** Plum Blossom Hall 9:00-18:15 **Animation Theater Technical Papers Technical Papers** 11:00-12:45 16:15-18:00 Smash and Stretch Paintings, Sketches and Buildings Fast and Exact Continuous Collision Autocomplete Painting Repetitions Detection with Bernstein Sign Classification BiggerPicture: Data-Driven Image Extrapolation Using Graph Matching Co-Constrained Handles for Sketch Classification and Classification-Driven Analysis using Fisher Vectors Deformation in Shape Collections Jasmine Hall Barycentric Coordinates with Local Data-Driven Segmentation and Labeling of Freehand Sketched Robust Iso-Surface Tracking for Interactive Character Skinning ConstructAide: Analyzing and Skinning Cubic Bezier Splines and Catmull-Clark Subdivision Surfaces Visualizing Construction Sites through Photographs and Building Models Level 6 **Technical Briefs Technical Briefs Technical Papers Special Session Technical Papers** 14:00-15:45 16:00-17:00 11:00-12:45 17:00-18:00 Meshing Surfaces, and Meshing Acquisition and Display Visualization Animation •Deformation of 2D Flow Fields Using Stream Functions Anisotropic Simplicial Meshing Using Local Convex Functions •Real Time Light Interactive Design of Quad Layouts using Elastica Strips Reconstruction for Subpixel Based Integral Imaging Feature-Oriented Sweet Writing Process
Reproduction of
Chinese Calligraphic Osmanthus Level-of-Detail Quad Meshing Hall Display Field Aligned Mesh Joinery •Strict Minimizers for Geometric Optimization Underwater Artwork Reconstruction
Using Depth Sensors Splashing Liquids with Ambient Gas •When Does the Hidden Butterfly Not Flicker? Pressure