

Fact Sheet

SIGGRAPH Asia 2012 will be held in Singapore from 28 November to 1 December 2012 at the Singapore EXPO.

Bringing SIGGRAPH Asia back to the city of its birth after a successful and beneficial run through Hong Kong, Japan, and South Korea, the Association of Computing Machinery (ACM) is very pleased to be presenting Asia's biggest gathering of artists, designers, scientists, and developers at the Singapore EXPO Convention and Exhibition Centre.

Art Gallery

The central theme for the Art Gallery this year is *Echo* which invites artists from around the world to showcase their innovative and leading-edge digital contributions on the aesthetics and meaning of nature through a myriad of mediums and techniques. The Judging Panel consists of luminaries from China, Europe, Hong Kong, Japan, Korea, Singapore and the United States.

Computer Animation Festival

The SIGGRAPH Asia Computer Animation Festivals have been dubbed the most innovative in the world. An internationally recognized jury receives hundreds of submissions and presents the best work of the year in daily Animation Theater and Electronic Theater screenings. Selections include outstanding achievements in time-based art, scientific visualization, visual effects, real-time graphics, and narrative shorts.

Courses

The Courses Committee is drawn from a wide range of industry sectors, from the Chinese University in Hong Kong to the Nanyang Technological University in Singapore, as well as companies such as Bungie, Intel, NVIDIA and Pixar. At SIGGRAPH Asia 2012, the Courses program will feature a variety of instructional sessions from introductory to advanced topics in computer graphics and interactive techniques by speakers from institutions around the globe. Practitioners, developers, researchers, artists, and students attend Courses to broaden and deepen their knowledge of their field, and to learn the trends of new fields.

Emerging Technologies

Interfaces, input devices, systems of engagement, and robotics actualize the most imaginative, innovative, and creative research in computer graphics and interactive techniques. The Emerging Technologies program provides hands-on demonstrations, supported by talks about the techniques behind them.

Posters

The Posters program is a forum for innovative ideas that are not yet fully polished, high-impact practical contributions, behind-the-scenes view of new commercial and artistic work, as well as cool 'tricks' that solve challenging problems. Contributors are expected to exhibit graphic displays of incremental, preliminary, partial, and innovative insights that are important but not fully developed. Posters are displayed throughout the conference days in a high-traffic area within the convention centre. Presenters will also discuss their work in scheduled sessions.

Symposium on Apps

The Symposium on Apps program at SIGGRAPH Asia 2012 aims to cover the development, technology, and marketing of mobile applications, including, computer graphics software and hardware, games, augmented reality, location-based services, animation, and social networking. Presented in the format of panels, talks and workshops, the program will put a stronger emphasis on the graphics aspects in mobile applications. Since last year's inaugural Symposium on Apps in Hong Kong, the USA-based SIGGRAPH has also introduced their own 'Mobile' program.

Technical Briefs

The SIGGRAPH Asia 2012 Technical Briefs program is a new initiative and will be a premier international forum for new research results in graphics, especially at the intersections of graphics with audio, image, video, and human-computer interaction.

Leading international experts from all over the world will present their results in peer-reviewed research spanning a wide range of research areas including sensor-based human-computer interaction, graphics and human-computer interface, high-dynamic range imaging, high-definition imaging, 3D imaging, image processing for graphics, high-dynamic range and high-definition video, 3D audio, 3D video, mixed reality, augmented reality, virtual reality, and graphics and multimedia.

Technical Papers

The SIGGRAPH Asia 2012 Technical Papers program is the premier international forum for presenting new research results in computer graphics and interactive techniques. All papers appear in the Association of Computing Machinery Transactions on Graphics (TOG) journal. Leading international experts from all over the world present the best results in peer-reviewed research spanning a wide range of research areas.

Trade Exhibition

The SIGGRAPH Asia Trade Exhibition is held from 29 November to 1 December. This is always a major attraction at SIGGRAPH Asia as hardware and software vendors such as Next Limit Technologies, Side Effects Software Inc. and TechViz will present their latest and most innovative products.

The highly popular Exhibitor Talks and Sessions arena is back again this year with exhibitors sharing their latest innovations and their best practices in timetabled presentations. Game and animation companies such as Pixar Animation Studios will showcase their latest work. Recruiting studios such as Double Negative and PIXOMONDO will reach out to professionals and students with their job offers via recruitment talks. Education institutes and schools such as Academy of Art University and VanArts will also be represented.

Venue

SIGGRAPH Asia 2012 will be held at the Singapore EXPO, situated just minutes from the airport and about 15 minutes by car from downtown Singapore. This award-winning, purpose-built 123,000 square meter facility employs lush green belts and natural light, addressing sustainability and comfort for attendees.