



**SIGGRAPH
ASIA 2019
BRISBANE**

The 12th ACM SIGGRAPH Conference
and Exhibition on Computer Graphics
and Interactive Techniques in Asia

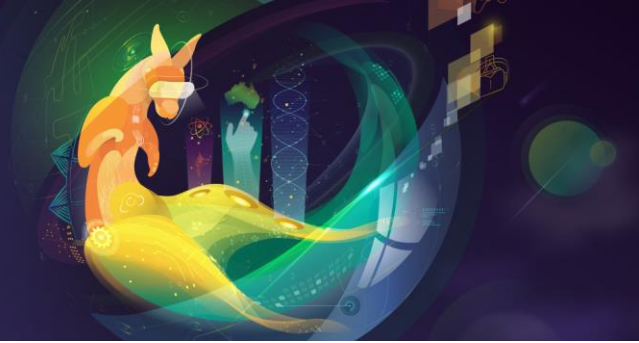
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#SIGGRAPHAsia

DREAM ZONE!

Conference 17 - 20 November 2019
Exhibition 18 - 20 November 2019

Brisbane Convention & Exhibition Centre (BCEC),
Brisbane, Australia



Event	Saturday, 16 November	Sunday, 17 November	Monday, 18 November	Tuesday, 19 November	Wednesday, 20 November
REGISTRATION	From PM onwards to be announced	8:00AM – 5:30PM	8:00AM – 5:30PM	8:00AM – 5:30PM	8:00AM – 5:30PM
SIGGRAPH Asia Village		9:00AM – 6:00PM	9:00AM – 6:00PM	9:00AM – 6:00PM	9:00AM – 6:00PM
Trade Exhibition PP FC 1D BC SP EP VP EX			10:00AM – 6:00PM	10:00AM – 6:00PM	10:00AM – 4:00PM
Art Papers PP FC 1D BC SP EP EX		9:00AM – 6:00PM	9:00AM – 6:00PM	9:00AM – 6:00PM	9:00AM – 6:00PM
ACM SIGGRAPH Asia Thesis Fast Forward PP FC 1D		2:15PM - 6:00PM			
Business & Innovation Symposium PP FC 1D		1:00PM – 5:00PM			
Computer Animation Festival Animation Theater PP FC 1D BC SP EP EX		9:00AM – 6:00PM	9:00AM – 6:00PM	9:00AM – 6:00PM	9:00AM – 6:00PM
Computer Animation Festival - Panel & Production Talks PP FC 1D BC SP EX			10:00AM – 11:00AM CAF - Panel & Production Talk: MPC Film present the VFX of Disney's The Lion King		
Computer Animation Festival – Electronic Theater ET			4:15PM – 5:00PM Opening Pre-show 5:00PM – 7:00PM CAF - ET	6:15PM – 8:15PM CAF - ET	1:00PM – 3:00PM CAF - ET

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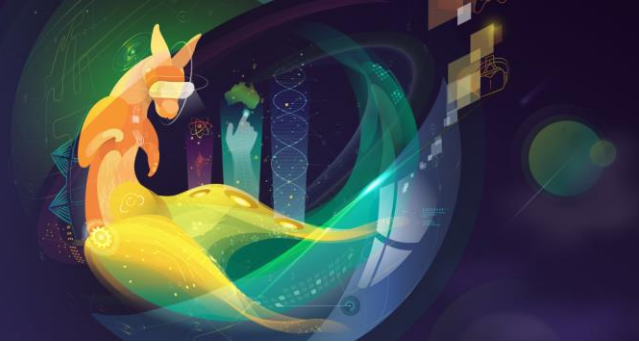


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Courses PP FC 1D		9:00AM – 12:45AM A Whirlwind Introduction to Computer Graphics 11:00AM – 12:45PM Multithreading in Pixar's Animation Tools 11:00AM – 12:45PM Eye Tracking and Virtual Reality 2:15PM – 4:00PM Faster Deep Learning Training with Automatic Mixed Precision 2:15PM – 6:00PM An Interactive Introduction to WebGL	11:00AM – 12:45PM Creating and Understanding 3D Annotated Scene Meshes 11:00AM – 12:45PM Approaches and Challenges to Virtual and Augmented Reality in Health Care and Rehabilitation 2:15PM – 6:00PM Extended Reality practice in Art & Design Creative Education 2:15PM – 6:00PM Deep Learning: A Crash Course	9:00AM – 10:45AM State of the Art on Stylized Fabrication 9:00AM – 12:45AM BxDF Material Acquisition, Representation, and Rendering for VR and Design 11:00AM – 12:45PM Data-driven Photometric 3D Modeling 2:15PM – 6:00PM Dataflow Programming and Processing for Artists and Beyond 2:15PM – 6:00PM Introduction to the Vulkan Computer Graphics API	11:00AM – 12:45PM Creating Your First Augmented Reality Experience with ARCore 11:00AM – 12:45PM Visualization with Three.js 2:15PM – 6:00PM Cinematic Scientific Visualization: The Art of Communicating Science 2:15PM – 6:00PM Immersive Analytics
Doctoral Consortium PP FC 1D		9:00AM – 2:00PM			
Demo-Scene Party PP FC 1D BC SP EP EX			10:00AM – 6:00PM	10:00AM – 6:00PM	10:00AM – 4:00PM
Experience Hall - Art Gallery, Emerging Technologies, XR PP FC 1D BC SP EP EX			10:00AM – 6:00PM	10:00AM – 6:00PM	10:00AM – 4:00PM

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Exhibitor Talks PP FC 1D BC SP EP VP EX		11:00AM – 12:45PM Carpe Diem Solutions 2:15PM – 4:00PM Pixar Exhibitor Talk	9:00AM – 10:45AM Unity Technologies Exhibitor Talk 11:00AM – 12:45PM Ubisoft 2:15PM – 4:00PM Pixar Exhibitor Talk 4:15PM – 6:00PM AWS Thinkbox	9:00AM – 10:45AM IO industries 9:00AM – 6:00PM SideFX Houdini 11:00AM – 12:45PM Tsinghua Tencent Joint Lab 2:15PM – 4:00PM Pixar Exhibitor Talk 4:15PM – 6:00PM Foundry	9:00AM – 6:00PM Unity Technologies Exhibitor Talk 9:00AM – 6:00PM Autodesk Exhibitor Talk 2:15PM – 4:00PM Pixar Exhibitor Talk
Featured Sessions PP FC 1D BC SP EX			9:00AM – 10:45AM The Cyber Security Challenges for Next- Generation Mixed- Reality	10:00AM - 11:30AM Pixar - Onward talk 11:30AM - 12:45PM In Conversation with Animal Logic's Co- Founder and CEO, Zareh Nalbandian	
Keynote Sessions PP FC 1D BC SP EP EX			1:00PM – 2:45PM The Revolution in Geospatial Mapping [Includes Opening & Awards Ceremony] Donna J. Cox	1:00PM – 2:15PM Present, Past and Present Future – The Embodied Practice of Digital Media Art Jeffrey Shaw	9:30AM – 11:00AM Why Do I Create Images with Mathematics - A Journey of Innovating in Tech [Includes Closing of SA19 & Opening of SA20 Ceremony] Inigo Quilez
Posters Gallery / Presentations PP FC 1D BC SP EP VP EX		9:00AM – 6:00PM	9:00AM – 6:00PM 1:00PM – 2:00PM Posters Presentations	9:00AM – 6:00PM 1:00PM – 2:00PM Posters Presentations	9:00AM – 6:00PM
Real-Time Live! PP FC 1D BC SP					4:00PM – 6:00PM
Reception RT			7:30pm – 9:30pm Brisbane City Hall 64 Adelaide St, Brisbane City QLD 4000, Australia		
Technical Briefs PP FC 1D		9:00AM – 6:00PM	9:00AM – 6:00PM	9:00AM – 6:00PM	9:00AM – 6:00PM

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Technical Papers Fast-Forward PP FC 1D BC SP EP		6:00PM – 8:00PM			
Technical Papers PP FC 1D			9:00AM – 10:45AM Light Transport 9:00AM – 10:45AM Geometry Brekkie 11:00AM – 12:45PM Accelerated Physics 11:00AM – 12:45PM Photography in the Field 2:15PM – 4:00PM Network 2:15PM – 4:00PM Learning from Video 4:15PM – 6:00PM Composing & Decomposing Geometry 4:15PM – 6:00PM Synthesis in the Avro	9:00AM – 10:45AM Building Knowledge 9:00AM – 10:45AM Fluids Aflow 11:00AM – 12:45PM Geometry with Style 11:00AM – 12:45PM Watch Your Language 2:15PM – 4:00PM Learning to Move 2:15PM – 4:00PM Thoughts on Display 4:15PM – 6:00PM Light Hardware	9:00AM – 10:45AM Looking & Sounding Great 9:00AM – 10:45AM Samples & Speckles 11:00AM – 12:45PM Differentiable Rendering 11:00AM – 12:45PM Hairy & Sketchy Geometry 2:15PM – 4:00PM Data-Driven Dynamics 2:15PM – 4:00PM Geometry Off the Deep End
Workshops PP FC 1D BC SP		9:00AM – 5:00PM NVIDIA Deep Learning Institute Training Workshop 9:00AM – 4:30PM Truth in Graphics and future of AI-Generated Content 9:00AM – 4:30PM Cars: Future Driving Experiences 9:00AM – 4:30PM VR & AI	9:00AM – 5:00PM NVIDIA Deep Learning Institute Training Workshop		
PP	FC	1D	BC	SP	
Platinum Pass	Full Conf. Pass	Full Conf. 1D Pass	Basic Conf Pass	Student 1D Pass	
EP	VP	EX	ET	RT	
Experience Pass	Visitor Pass	Exhibitor Pass	Electronic Theater Ticket	Reception Ticket	