5th International Conference and Expo on

COMPUTER GRAPHICS & ANIMATION

September 26-27, 2018 | Montreal, Canada

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Day 1   September 26, 2018

Conference Hall: Merchant Villa 1

08:30-09:30 Registrations

09:30-09:50 Opening Ceremony

Keynote Forum

09:50-10:00	**Introduction**
10:00-10:45	**Title: Art of fluid animation**
	Jos Stam, University of Toronto, Canada

Panel Discussion

Networking & Refreshment Break 10:45-11:00

11:00-11:45	**Title: Using AI to create frictionless motion capture**
	Paul Kruszewski, Wrnch Inc., Canada

Group Photo 11:45-12:00

Sessions: Computer Graphics | Computer Animation | Animation Industry | Modeling | Simulation | Game Design & Development | Gamification and Social Game Mechanics

Session Chair: David Xu, Regent University, USA

Session Introduction

12:00-12:35	**Title: How to use maya dynamic hair system to model realistic hairstyles**
	David Xu, Regent University, USA
12:35-13:10	**Title: Flickblocks and Airpunch**
	David Fugere-Lamarre, iLLOGIKA, Canada

Panel Discussion

Lunch Break 13:10-14:00 @ Foyer

14:00-14:35	**Title: Characterization of pore space using a non-hierarchical decomposition model**
	Irving Cruz-Matías, University of Monterrey, Mexico
14:35-15:10	**Title: Stylistic mixture of Monet and Chinese ink painting by deep learning**
	Xupu Geng, Xiamen University, China
15:10-15:45	**Title: Perception: Being art in virtual reality**
	Tian Li, Xiamen University, China

Panel Discussion

Networking & Refreshment Break 15:45-16:00

16:00-16:35	**Title: Improvement on top of Pixar USD**
	Gregory Ducatel, Mill Film, Canada
16:35-17:10	**Title: Exploring animation technology**
	Derek Ng-Cummings, Kabam, Canada

Panel Discussion

Day 2   September 27, 2018
Conference Hall: Merchant Villa 1

Plenary Session

10:00:10:45	**Title: Machine learning in KINECT Image Processing for biometric and medical applications** **Marina L Gavrilova**, University of Calgary, Canada

Panel Discussion
Networking & Refreshment Break 10:45-11:00

11:00:11:45	**Title: Entertainment and the future of virtual reality** **Awane Jones**, Phenomena, Canada

Sessions: Computer Vision & Pattern Recognition | Imaging and Image Processing | Visualization & 3D Printing | Human-Computer Interaction | 3D Web Technology

Session Chair: Marina L Gavrilova, University of Calgary, Canada

Session Introduction

11:45-12:20	**Title: Realtime processing of huge 3D data in web browsers** **Evgeny Rodygin** and **Roman Sementsov**, Artec3D, Russian Federation

Video Sessions

12:20-13:00	**Title: Opportunities and challenges of 360-degree imaging technologies and immersive education** **David Wortley**, 360in360 Immersive Experiences, UK

Panel Discussion
Lunch Break 13:00-13:50 @ Foyer

13:50-14:20	**Title: Parametric architecture with software and impact on architectural design process** **Fatemeh Alijani**, Zista D.S. Consulting Engineers, Iran
14:20-14:50	**Title: Kathakali and motion capture: An experimental dialogue between Indian classical dance and technology** **Biju Dhanapalan**, Nanyang Technological University, Singapore
14:50-15:20	**Title: On geometry and equilibrium of forces in 3D** **Masuod Akbarzadeh**, University of Pennsylvania, USA
15:20-15:50	**Title: Ethical AI in computer graphics and computer vision: How do we balance progress with negative outcomes?** **Abhishek Gupta**, Montreal AI Ethics Institute, Canada

Panel Dviscussion
Networking and Refreshments Break 15:50-16:25
Awards & Certificates Felicitation 16:25-17:15
Networking 1-1 Meeting 17:15-18:00

NM 01	**Awane Jones**, Phenomena, Canada
NM 02	**Carolyn Lall**, Lockheed Martin, Canada
NM 03	**David Fugere-Lamarre**, iLLOGIKA, Canada
NM 04	**David Xu**, Regent University, USA
NM 05	**Evgeny Rodygin**, Artec3D, Russian Federation
NM 06	**Gareth Eaves**, Electronics Arts, Canada
NM 07	**Gregory Ducatel**, Mill Film, Canada
NM 08	**Inwhan Cho**, Spotify, USA
NM 09	**Irving Cruz-Matías**, University of Monterrey, Mexico
NM 10	**Jos Stam**, University of Toronto, Canada
NM 11	**Marina L Gavrilova**, University of Calgary, Canada
NM 12	**Patrick Callahan**, Lockheed Martin, Canada
NM 13	**Paul Kruszewski**, Wrnch Inc., Canada
NM 14	**Roman Sementsov**, Artec3D, Russian Federation
NM 15	**Tian Li**, Xiamen University, China
NM 16	**Victor Yudi**, MPC, Montreal
NM 17	**Xupu Geng**, Xiamen University, China

Closing Cermony
Together To Build A Network