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Digital Imaging in Singapore – Internal External

The following is to present artist practice pursued through the process of research at the School of Art Design and Media, Nanyang Technological University, Singapore. The work delves into exploring alternative methods of artistic expression by using novel synthetic image creation technologies and their evocative possibilities. With a focus on digitally generative systems and techniques for integrated image generation, converging painting methods with digital technologies and integrating traditional art methods and materials, the emphasis is on expanding the limitations of the digital medium, abstract painting and other forms of visual imagery, striving to achieve greater creative levels.

The resulted art works cover broad mode of expressions ranging from spatial imaging for large-scale built installations, to 3D stereo animation and online 3D virtual environments.

New Artist Palette: Algorithm

Today, sophisticated electronic techniques allow us to find unexpected formal aspects in the depths of material. Artists are selecting, highlighting, and thereby conferring form upon the formless and setting the seal of their style upon it using digital code. The newly developed artistic palette of algorithm brushes originally drew inspiration from science, nature and mystical thought. The resulting images question the primacy of representation and describe invisible forces and processes that lie behind nature and its ephemeral phenomena. The main goal was to crystallize that connection between natural arbitrary flux and spiritual existence. Following the rhythm of continuously moving, unfolding and floating geometries, an endless process of painting evolves.



Fig. 1: 'Natural Systems: Decomposition of Blue', Detail, Digital Painting, 118 x 84cm
Photo: Ina Conradi



Fig. 2: Public Art Proposal for Esplanade Exterior: Elixir Of Redness, 14 Panels
1100x227x200cm, size variable, tempered glass, Singapore 2009 Photo: Ina Conradi

Abstraction in Visible: Singapore Public Art Proposals Series

These visual explorations transcended from the artist's studio into an urban landscape to create new aesthetic encounters through conjuring visionary objects and familiar environments in public settings of Singapore. In visualizing art works for Singapore's sites developed was new aesthetic, contributing to Singapore's effort towards establishing itself as a cultural industries metropolis, a renaissance city that uses culture to re-position its international image as a global city for the arts.

Contemporary painting practice is not taking advantage of integrating traditional painting methods with available digital prototyping to create high impact artworks in public spaces. Usually the outcome of digital painting is dull digital print that lacks the physical presence interest and excitement of traditional art forms. To avoid that, parallel with digital visualizations and prototyping experimenting with a wide range of numerous uncoated flexible and rigid substrates was possible with the help of specialized large format UV curable flatbed inkjet printers.



Fig. 3: 'Internal External' digitally generated still images, backlit panels UV VUTEk @ QS2000 100 sq meters, video projection, 3D computer animation; Art Installation, Post-Museum, Singapore, 2009 Photo: Ina Conradi

Internal External

Drawing on the ideas of the merging of digital painting and animation Internal External aims to craft immersive, interactive and 3D animated installation using digital images, seeking innovative convergence of art and technology to transform spaces into novel experiences. Through an integrated design and fabrication practice an experimental built environment is created that enhances and celebrates the potential for social interaction through sensation and physical engagement.

References

- I. Conradi., J. Vasudevan. (2010) Internal External. Singapore, Conradi Ina, ISBN 978-981-08-5116-3