



Artist

Concept Art, Digital & Matte
Painting Magazine

The Mighty Conan

We delve into the world of legendary artist, Brom and find out a little about his new book, "The Devil Rose"



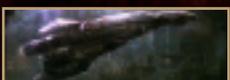
ARTICLES

Sketchbook of WanKok Leong & Sketch Theatre



INTERVIEWS

Brom & Jesse van Dijk



THE GALLERY

Chen Lin, Yap Kun Rong & Andreas Rocha, plus more!



MAKING OFS

The Mantis Queen by Nick Miles



TUTORIALS

NEW Painting Series! The Human Face: Part 1 – Eyes & Ears, plus more!



EDITORIAL

Welcome to Issue 034! Our thanks of course go to the Hadron colliding scientists in Geneva for not yet spinning us into a black hole, allowing us to bring you yet another issue filled with digital goodness! Woop! And without any more guff, I'd like to announce – whilst doing a little dance in my chair – that we have an interview this month with the one and only **Brom!** Hurraaaaaay! I have

been waiting so long for this, and now it's finally here! ... In all honesty, I actually tend to be a little awestruck when I speak to Brom over email, and probably say really silly things in my eagerness to not seem like a drivelling fool, but he's been very supportive of this interview for 2DArtist and we salute him, as I'm sure you will also when you check out the fab interview with this icon on **PAGE 004**. Enjoy! And because one interview is never quite enough, and in the interest of diversity, we bring you yet another this month – this time with Concept Artist, **Jesse van Dijk [PAGE 015]**! Jesse's portfolio is simply awe-inspiring, and if you've already been lucky enough to see his works on Concept Art.org, then you'll love this 13-page interview with the very man who causes us to "Wow!" whenever we see one of his artworks! As a special treat we also have an interview with the amazing **Sketch Theatre** on **PAGE 051**. We don't often have studio interviews in 2DArtist, but we've been so impressed by what we've seen from these guys that we couldn't resist featuring an article on them. Hope you like!

Our tutorials this month feature Part 4 of **Chee Ming Wong's** Space Painting Tutorial Series [**PAGE 096**], plus our regular Speed Painting Tutorial featuring both **Richard Tilbury** and **Levente Peterffy**. Levente teaches us an extraordinary technique which even I can't wait to try out, so be sure to check out both our speed painting insitainments on **PAGE 066**.

A new tutorial feature this month is by **Nykolai Aleksander**, who brings us part one of a small series on The Human Face. This month she talks us through the process of how to digitally paint eyes and ears, in the truly beautiful way that she has developed in her artworks. I'm always looking forward to Nykolai's next great artwork, and she certainly impresses us this month with this great little article on **PAGE 109** – I hope you'll get a lot from it! **Nick Miles** has also put together a fantastic Making Of article for us on the creation of recent gallery image, The Mantis Queen, on **PAGE 121**, and you'll find a great Sketchbook feature on the works of **WanKok Leong** on **PAGE 029**. As always we have 10 great gallery images, plus the results of our regular Stylised Challenge over on Concept Art.org; which, by the way, I hope to see more of you entering in the coming months as we have lots of great topics coming up! *Winks*

Right, well enjoy October's Issue, have a happy Halloween, and see you next month for plenty of bonfires and fireworks (you've gotta love this time of year, haven't you?). Cheers! **ED.**

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ABOUT US

Zoo Publishing Information & Contacts



EDITOR	LAYOUT	CONTENT	PROOFING
Lynette Clee	Layla Khani Matt Lewis	Lynette Clee Tom Greenway Richard Tilbury Chris Perrins	Jo Hargreaves Lynette Clee
LEAD DESIGNER	MARKETING		
Chris Perrins	Lynette Clee		

FREE STUFF!

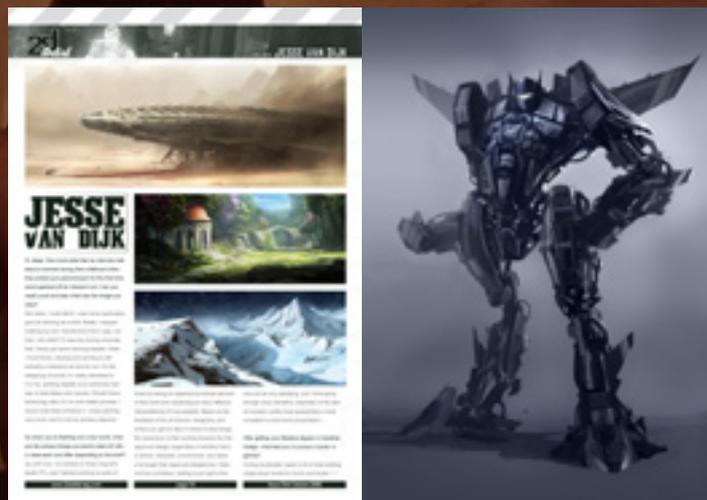
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Get the most out of your Magazine!

If you're having problems viewing the double-page spreads that we feature in this magazine, follow this handy little guide on how to set up your PDF reader!



SETTING UP YOUR PDF READER

For optimum viewing of the magazine, it is recommended that you have the latest Acrobat Reader installed.

You can download it for free, here: [DOWNLOAD!](#)

To view the many double-page spreads featured in 2D Artist magazine, you can set the reader to display 'two-up', which will show double-page spreads as one large landscape image:

1. Open the magazine in Reader;
2. Go to the **VIEW** menu, then **PAGE DISPLAY**;
3. Select **TWO-UP CONTINUOUS**, making sure that **SHOW COVER PAGE** is also selected.



CONTRIBUTING ARTISTS

Every month, many artists from around the world contribute to 3DCreative & 2DArtist magazines. Here you can find out all about them! If you would like to be a part of 3DCreative or 2DArtist magazines, please contact: lynette@zoopublishing.com



Brom

Painter of anything that is nasty and bites, Brom has worked in all facets of the creative industries. From books, to games, to film, he has been spewing out his own brand of devilry for the last twenty years. Most recently Brom has turned his hand to writing a series of illustrated novels: "The Plucker", a twisted children's book for adults, and "The Devil's Rose", a romantic western set in Hell. <http://www.bromart.com/>
Bromwerks@BromArt.com



Jesse van Dijk

Concept Artist and Production Designer from Amsterdam, the Netherlands, with over four years of industry experience.

Immediately after receiving his Master's degree in Industrial Design at the Delft University of Technology, he went to work in the games industry. He is currently a senior concept artist at W! Games, Amsterdam, and does freelance work as well.

<http://www.jessevandijk.net/>
jesse@jessevandijk.net



Leong Wan Kok

An award-winning illustrator, specialising in character design and illustration. His work can be seen in various media, including art prints, illustrations, posters and comics, and he boasts a client list from both local areas and overseas. Sculpting is also one of his great passions!

<http://www.1000tentacles.com/>
pkok@1000tentacles.com



Nykolai Aleksander

Born in 1978, Nykolai spent the first 17 years of her life in Germany, then moved to England to study A-Level

Theatre and Music. She returned to Germany for a short while after, working on films as a set assistant, and in 1999 moved to the UK for good. In 2000, Nykolai started drawing. With the discovery of a Wacom tablet in 2002, her work suddenly took off on a path she hadn't quite expected...

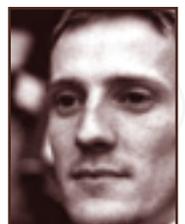
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Richard Tilbury

Richard has had a passion for drawing since being a couple of feet tall. He studied Fine Art & was eventually led into the realm of computers several years ago. His brushes have slowly been dissolving in white spirit since the late nineties & now, alas, his graphics tablet has become their successor. He still sketches regularly & now balances his time between 2D & 3D, although drawing will always be closest to his heart.

<http://www.richardtilburyart.com>
ibex80@hotmail.com



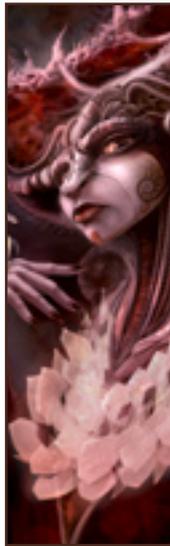


Nick Miles

Started work as a concept artist in 2005 for Blitz Games; they gave him the chance he needed to break into the industry and

he's been making the most of that chance ever since! He's been featured in several books, including Ballistic Publishing's Exposé series. He's currently working on an illustrated novel entitled "Exula". He loves what he does and wants to push it as far as he can!

<http://www.exula.co.uk>
nicholasmiles@gmail.com



Felipe Fernández

Studied art in Montevideo, Uruguay. He then worked freelance in Barcelona in different media, from publicity to editorial to web. His current position is production/concept artist in the game industry, and he says that his future son's name will soon allow him to say, in booming voice, "I am your father!"

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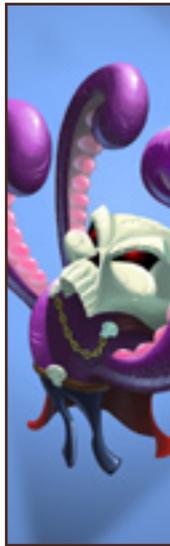


Ryan Slater

Ryan is currently a draftsman/photosimulator in Vancouver, Canada. With a background in classical animation he

moonlights as a freelance artist, and is also in the midst of developing stories for children's books. Ryan's main goal is to put a smile on peoples' faces with his art, and hopes to accomplish this through whatever medium he can get his hands on!

<http://www.scarypotato.com>
info@scarypotato.com



Raffy Dematawaran

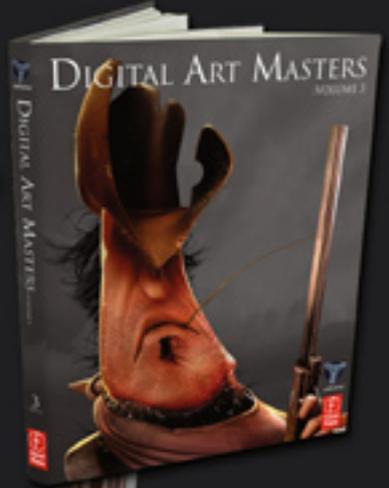
Raffy has been creating art and working in design professionally for over 15 years. His first freelance job started when he was still at college, at which time he was joining art competitions for the prizes and recognition, later realising that it was knowledge and experience that was far more rewarding! He rarely resists work offers now, whether major or minor projects, as long as he still has time to eat and sleep.

<http://www.raffydematawaran.com>
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Image by Jesse van Dijk

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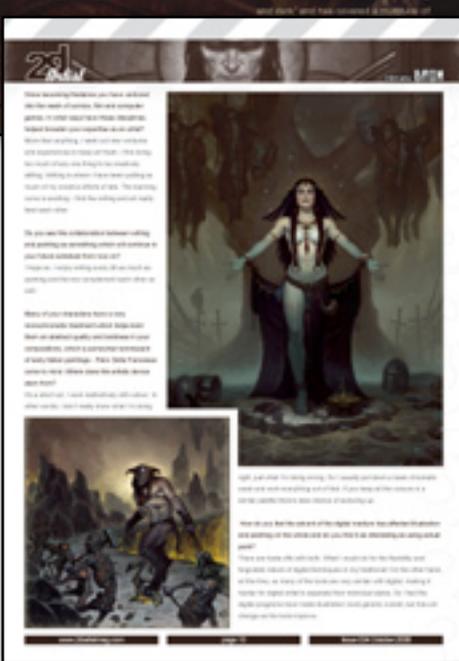


"I WORK INSTINCTIVELY WITH COLOUR. IN OTHER WORDS, I DON'T REALLY KNOW WHAT I'M DOING RIGHT, JUST WHAT I'M DOING WRONG. SO I USUALLY PUT DOWN A BASIC CHROMATIC WASH AND WORK EVERYTHING OUT OF THAT. IF YOU KEEP ALL THE COLOURS IN A SIMILAR PALETTE THERE'S LESS CHANCE OF SCREWING UP."

Brom's style has been described as "disturbing and dark" and has covered a multitude of mediums, from novels and role-playing, to comics and film. He has recently ventured into the realm of illustrated novels, where he combines his passion for narrative with his unique visions.

Brom

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"IT'S THE END RESULT THAT COUNTS FOR ME: THE GOAL OF MY WORK IS TO PRESENT IDEAS. AND HOW I CREATE THE VISUALS IS NOT REALLY IMPORTANT. FOR ME PERSONALLY, IT'S WHAT DIFFERENTIATES ME AS A CONCEPT ARTIST FROM AN ILLUSTRATOR: I GENERATE IDEAS, NOT PRETTY PICTURES."

JESSE VAN DIJK

Jesse van Dijk is a concept artist with a passion for creating new worlds. Working at W!Games, he gets the chance to delve into every aspect of game design and has produced some truly breathtaking artwork. We recently took the opportunity to find out more about him and his approach to producing concept art ...

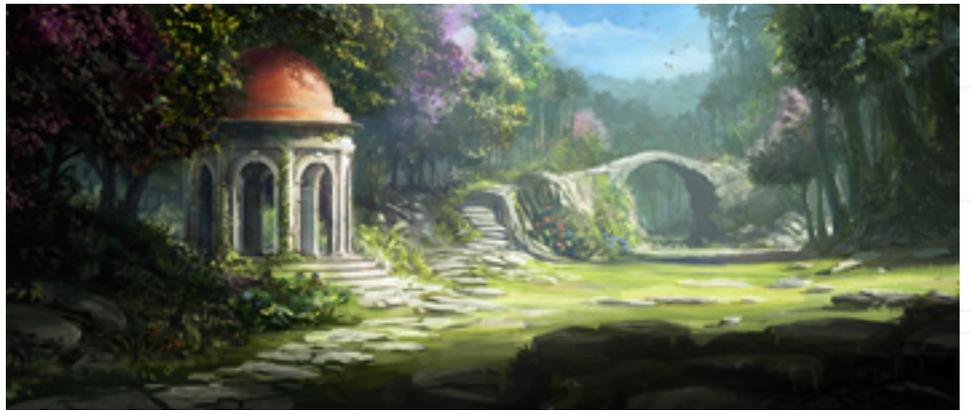


JESSE VAN DIJK

Hi Jesse. Now most artist that we interview talk about a moment during their childhood when they picked up a pencil/crayon for the first time, which sparked off an interest in art. Can you recall yours and also what was the image you drew?

Not really, I must admit. I was never particularly good at drawing as a child. Mostly I enjoyed building my own Transformers from Lego, but then, who didn't? It was only during university that I finally got some drawing classes. While I loved those, drawing and painting is still primarily a means to an end for me. It's the designing of worlds I'm really interested in. For me, painting digitally is an extremely fast way to feed ideas onto canvas. Should future technology allow for an even faster process, I would most likely embrace it. I enjoy painting very much, but it's not my primary objective.

So when you're fleshing out a new world, what are the primary things you tend to start off with, or does each one differ depending on the brief? Up until now, I've worked on three long term studio IP's, and I started working on each of



those by taking an essential but simple element of that world and visualising as many different interpretations of it as possible. Based on the feedback of the art director, designers, and writers you get an idea of where to take things. My experience is that working towards the first approved design (regardless of whether that's a vehicle, character, environment, etc) takes a lot longer than approved designs two, three and four combined. Getting it just right in the

end can be very satisfying, and I think going through many iterations, especially at the start of a project, pretty much guarantees a more consistent overall world presentation.

After getting your Masters degree in Industrial Design, what lead you to pursue a career in games?

During my studies I spent a lot of time building single player levels for Doom and Quake 1. I





thought it was just such an incredible thrill to be able to walk around inside your own ideas, so to speak. It was then that I decided I wanted to “build worlds” for a living. I applied for a job as a level designer at Playlogic, a games studio in the Netherlands, and I was hired. However, it turned out I had been quite naive about the game industry; pretty soon after I started working there I found that a lot of the basic world design had shifted from the level designers to the concept artists. Thankfully my employer offered me a chance to do some concept work on one of the running projects, and after that I stuck to do creating concept art.

The majority of matte painters and illustrators tend to use certain 3D elements within their images to set up correct perspective, scale or to use it as a starting base. With your background in producing 3D levels, have you ever been tempted to mix the two mediums together?

I frequently do rough 3D setups for certain scenes. In general I'll use any trick I can think of to get my idea across; I have no reservations against





any techniques, like 3D, use of photos or references. It's the end result that counts for me. The goal of my work is to present ideas, and as to how I create the visuals, well that's not really important. For me personally, it's what differentiates me as a concept artist from an illustrator: I generate ideas, not pretty pictures.

You're currently working as senior concept artist/production artist for W!Games. Can you tell us how this job came about and what is an average day like working there?

Since I started at W!Games in 2006 I have been working on creating a new in-house intellectual property. The studio's first project, a horse riding game aimed at young girls, was being produced as I was creating the first concept art for the new IP. The studio has since completed the work on the horse franchise and we're now working on the new IP (which holds no relation to the horse game). It's an exciting time for me, as I'm involved in creating everything from sketches to support game design ideas, to



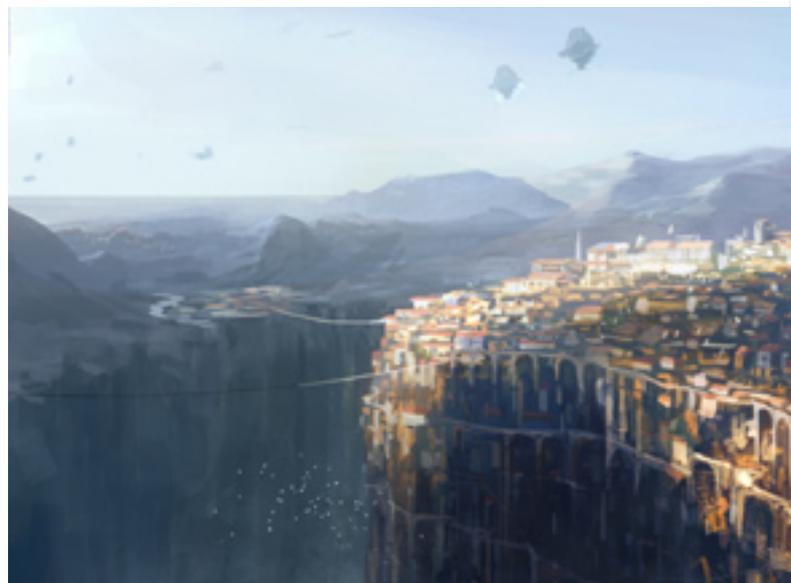


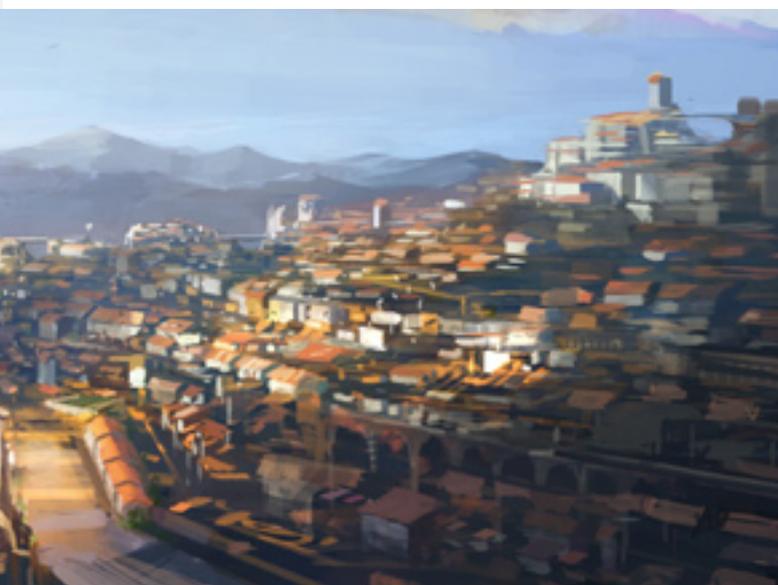


concept art, matte paintings and marketing material. It's the advantage of working in a small studio, you get to work on many different subjects.

Whilst doing your day job at W!Games, you also dabble in doing freelance work. Do you find this tough trying to juggle both, or do you pick and choose which project you take on?

Well, for me it's a matter of managing the freelance workload properly. Having a satisfying day job is an immense luxury - since there is no financial necessity for doing freelance stuff, I can pick those jobs that I find interesting. However, it does work the other way around, too: sometimes you have to turn down work that you would like to do simply because there is no time, and that can be frustrating. Recently I've been doing some fantasy book covers and that is something I've long dreamt of. I'll freely admit that many of the pulp fantasy novels I've read I bought purely because I thought the cover looked cool.





So what is it about painting book covers that captivates you?

I love how proper covers complement the story by raising questions the text might answer, and by answering certain questions the text might leave behind. They draw you in before you've read the book, and suggests the world goes on beyond the story once you've finished it. I guess it's part nostalgia for me as well, as cover art used to be my primary source of fantasy / sci-fi art prior to the Internet.

Whilst browsing your portfolio I noticed a very interesting project named "Project Indigo". Could you tell us a bit about this project and how far has it progressed since you started it in December 2007?

The whole concept of a vertical city is something that just fuels the imagination, and I had long planned to visualise some ideas about it at some point. However, Project Indigo initially started off as an exercise for me. One of my main shortcomings is that I tend to start detailing too







soon and lose track of my painting as a whole. In order to do something about that I set off to visualise a complex design while strictly keeping myself from going into detailing too soon. The “complex design” became the vertical city, and the results, from a methodological perspective, were mixed. Some drawings were loose and suggested detail were none was actually drawn, but then some were already starting to show a

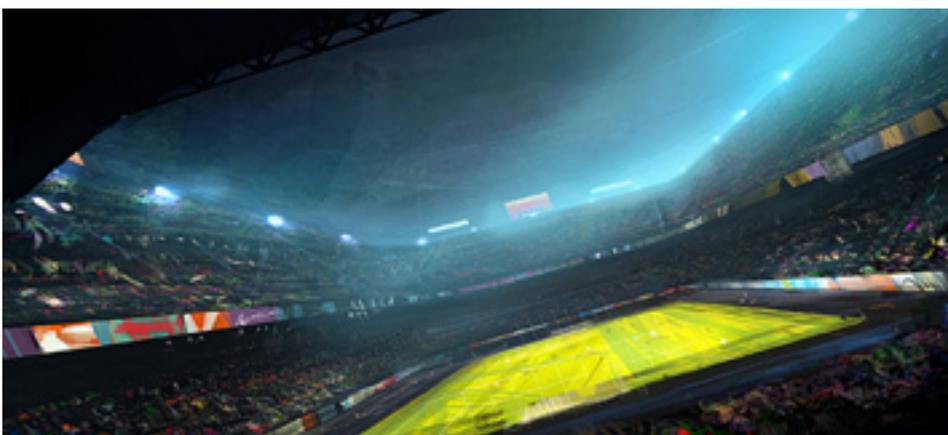
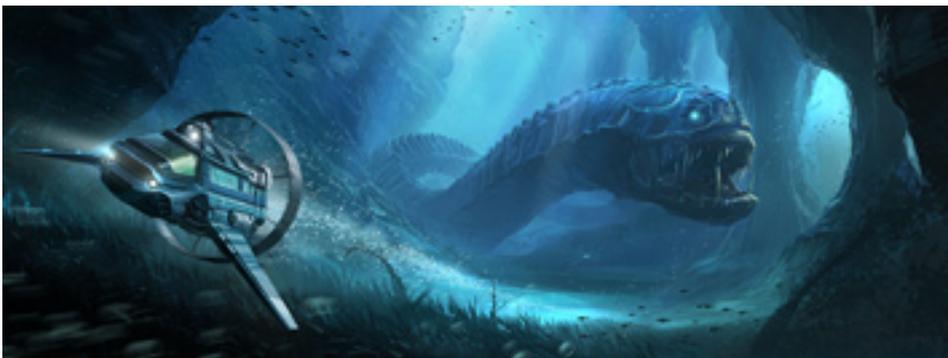
disproportionate level of detail in certain areas. As for the design itself, I wanted to show that the city’s population was not at all homogenous, and rich people could well live very close to poor people without a conflict immediately erupting. I’m currently not working on it, but I might resume some sketches in the future, it was very fun to work on, and the response from people online has been rather overwhelming.

What has been your most accomplished piece of artwork to date, and why?

My most accomplished piece will always be my next one, at least I hope so! I find it hard to be satisfied with my own work. You sometimes enjoy minor successes as you paint, but in the end you’re always left with mixed feelings. As for a particular piece reflecting my ideas about “what is cool” most closely, over the past three years I’ve been gathering ideas for a large, coherent world design. The aim at the start of the project was to create a world that could be a setting for a movie, game, toy series, or any other entertainment medium. After a few notebooks of ideas I’ve recently begun the first phase of fleshing out these ideas in rough concept sketches. I’m not certain I’ll ever go public with it, but nevertheless, I greatly enjoy working on such long term projects, especially when I’m able to determine all the major and minor aspects of the world myself.

Can we tempt you to give the readers a quick glimpse of the new world?

Well, you can try! [Laughs]. However, at this point I’m still keeping things tightly under wraps. I’m not even sure I’ll go public with any of it, so don’t hold your breath.





Well it has been a really pleasure talking with you and I wish you all the best for the future. One last question before we wrap things up. If you had to design a world for yourself to inhabit what would it look like?

Every piece I've made so far contains some element that makes me want to travel to the scene I'm depicting, regardless of whether it's a pleasant place or not at all. It's how I practise environment design; I always paint with the notion of "what would I see were I standing there". In the end, I guess that aspect of design is the sole reason I wanted to be a concept artist: to see other worlds from the inside.

JESSE VAN DIJK

For more work by this artist please visit:

<http://www.jessevandijk.net/>

Or contact him at:

jesse@jessevandijk.net

Interviewed by: Chris Perrins

"I OCCASIONALLY
STRAY AWAY FROM THE
PROJECT AND START
DAY DREAMING A BIT BY
DOODLING NONSENSE."



the *Sketchbook* of **Wankok Leong**

In this article, Wankok Leong takes us through the development of his "Skinnis" product, from sketches through to the final design.

the Sketchbook of Wankok Leong

20 TOTAL PAGES



ELEMENTS

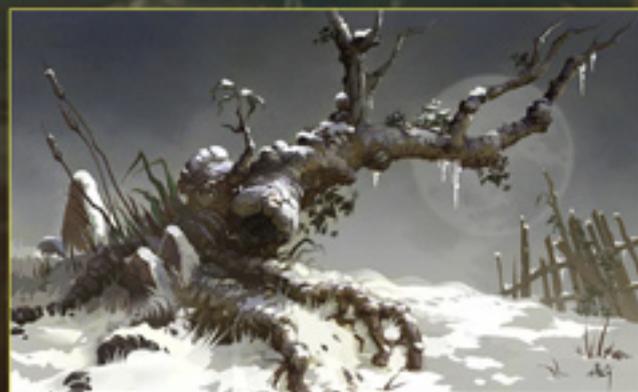
DIGITAL PAINTING DOWNLOADABLE EBOOK TUTORIAL SERIES

INTRODUCTION

The 'elements' series is a guide to 2D Digital painting and can be followed in most software packages supporting paintbrushes and layers.

In the first two E-Book volumes, we have chosen some of the most used aspects of digital painting, we cover such topics as painting eyes, fabric, fire & smoke, flesh wounds and fur & hair and asked 2 or 3 professional artists to cover a specific theme or 'element', resulting in 2 or 3 different styles and techniques which can be viewed side by side. With the help of such talented and experienced artist as Benita Winckler, Natascha Roeoesli, Richard Tilbury, Stephanie Loftis, Adonihs and Shane Madden.

Volume 3 of The 'Elements' series follows cartoon and comic artist, Carlos Cabrera, as he takes a basic scene, created by 3DTotal's in-house artist Richard Tilbury, and transforms them into five different weather conditions.



VOLUME 1

- Chapter 1: Painting Eyes
- Chapter 2: Painting Fabric
- Chapter 3: Painting Fire & Smoke
- Chapter 4: Painting Flesh Wounds
- Chapter 5: Painting Fur & Hair



VOLUME 2

- Chapter 1: Painting Rock & Stone
- Chapter 2: Painting Sky
- Chapter 3: Painting Skin
- Chapter 4: Painting Trees
- Chapter 5: Painting Water



VOLUME 3

- Chapter 1: Sandstorm
- Chapter 2: Twister
- Chapter 3: Rainstorm
- Chapter 4: Snowstorm
- Chapter 5: Heatwave



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SKETCH THEATRE



"THE FIRST TEN OR
SO ARTISTS I SHOT
WITH HAD NO IDEA
WHAT THE SITE
WOULD EVEN LOOK
LIKE. I WAS HITTING
UP MICHAEL HUSSAR
AND CHET ZAR AND
ASKING THEM TO SIT
UNDER A CAMERA AND
DRAW PICTURES
FOR ME!"

Sketch Theatre is a wonderful site that's based around time lapse videos of top artists just sitting down and sketching. It's a simple idea that has been expertly executed by way of a slick website with a great design. When we first came across it we were so impressed that we wanted to find out more, and we did just that by chatting with the executive producer, Lily Feliciano.

MICHAEL BROOK

SKETCH THEATRE

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THE GALLERY

This month we feature:

Sean Hong

Nicolas Villeminot

Andreas Rocha

Julia Bax

Chen Lin (wanbao)

Yap Kun Rong

Michal Ivan

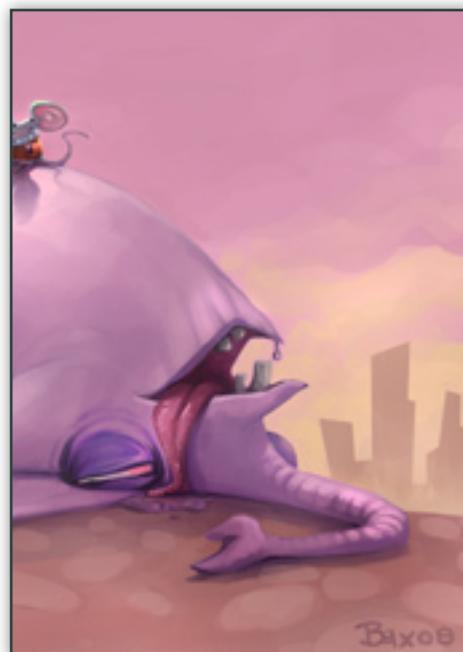
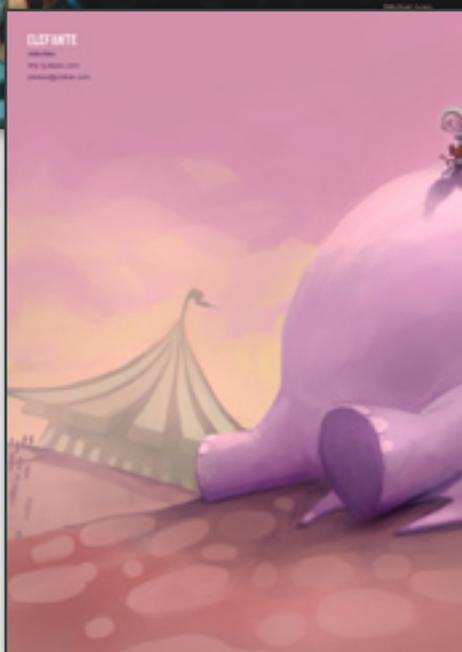
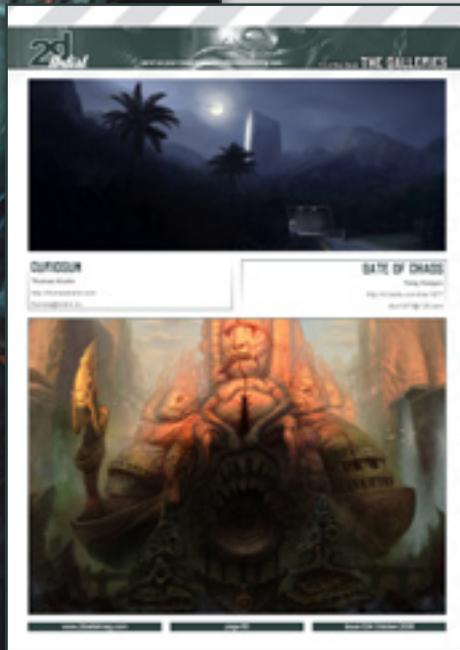
Helena Rusovitch aka SLIDE

Yang Xueguo

Thomas Krahn

THE GALLERY

10 TOTAL PAGES



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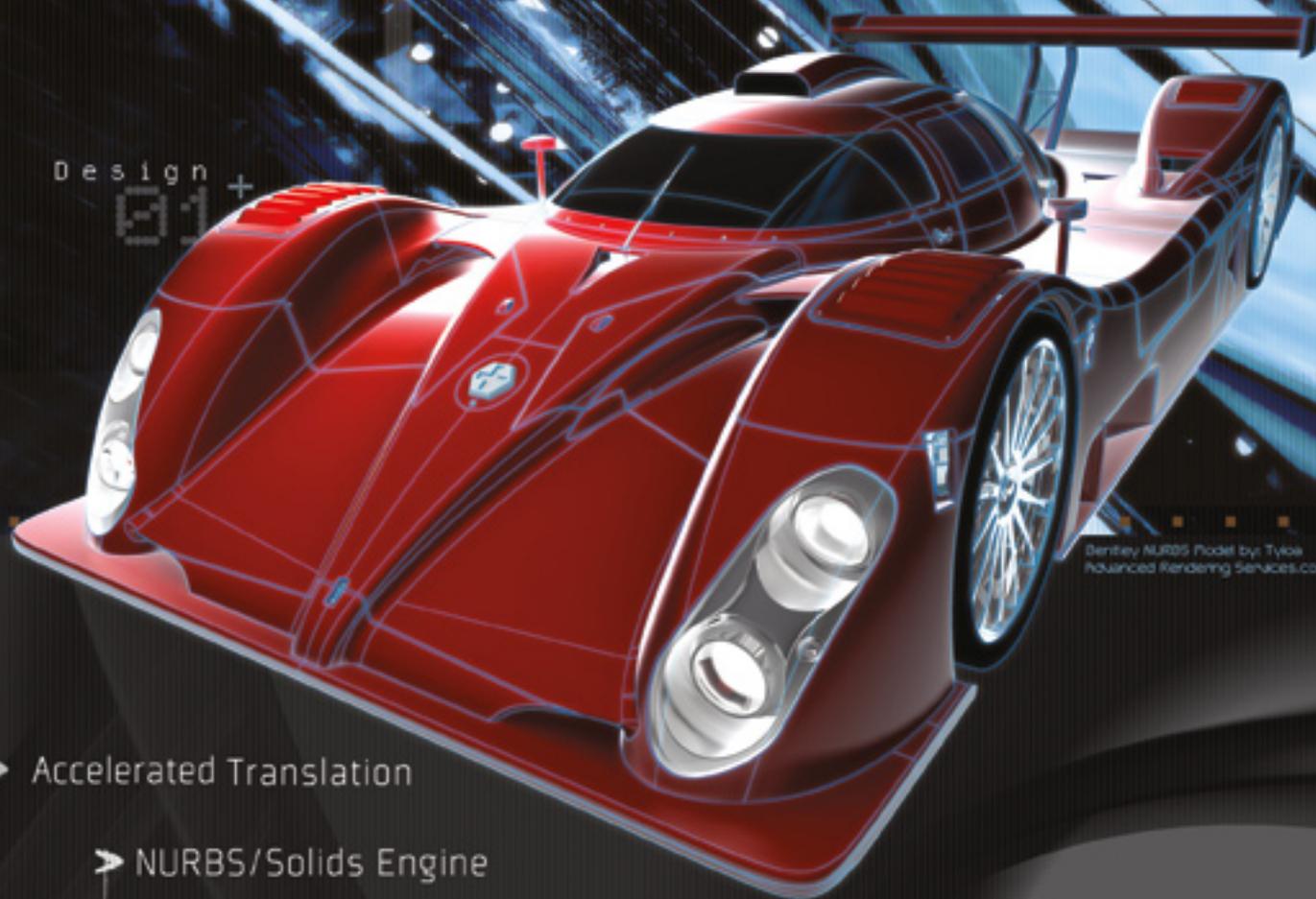
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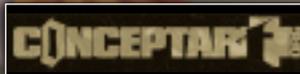
the
2DA
challenge

2DArtist Magazine introduces the "Challenge" section of the mag. Every month we will run the challenge in the conceptart.org forums, available for anyone to enter, for prizes and goodies from www.3dtotal.com shop and to also get featured in this very magazine! Here we will display the winners from the previous month's challenge and the "Making Of's" from the month before that.

Ancient Warrior

Stylised challenge

In Association with

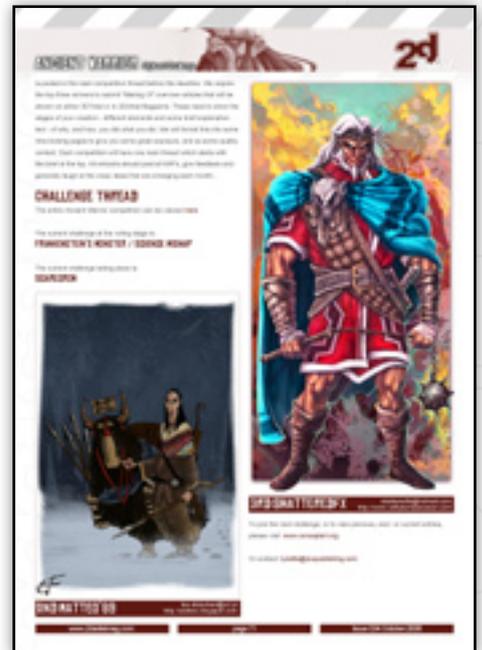
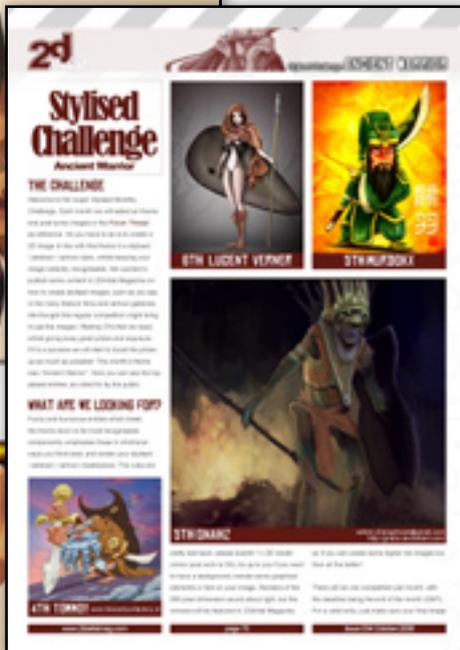


Stylised Challenge

Ancient Warrior

13

TOTAL PAGES



Speed Painting Painting

digital painting tutorial series: volume 1

Introduction

This 102-page eBook is a collection of "Speed Painting" tutorials which have been created by some of the top digital painters around today. The idea behind this tutorial series was for the artist to interpret a one-line descriptive brief (provided by us!), create a speed painting from it and then produce a tutorial showing and explaining each stage of production of the artwork. Some of the artists have also kindly created some unique brushes which can also be downloaded at the end of their Speed Painting tutorials. This downloadable PDF eBook can be followed in most 2D software packages that support paintbrushes and layers.

The featured artists are:

Levente Peterffy
Mikko Kinnunen
Carlos Cabrera
Mike Corriero
Rich Tilbury
Paul Davies
Andreas Rocha
Mark Muniz
Fred Augis
Emrah Elmasli



Chapter 01: Forest Fire

Chapter 02: Scary animal emerging from a forest

Chapter 03: Ship hit by torpedo

Chapter 04: Tornado moving towards farm

Chapter 05: The room made the explorers feel sick with the thoughts as to what had happened there in years gone by

Chapter 06: City street devastated by war

Chapter 07: Evolution had played its part on these creatures as their world heated up, but the thousands of years of forced hard labor had more impact

Chapter 08: The party entertainers' real twisted identities were very far from their bright, colorful disguises

Chapter 09: The citizens of the flooded city now resided in the tallest buildings connected by makeshift bridges.



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Downloadable Tutorial EBook



Welcome to the Speed Painting section of the magazine. This month we've asked two artists to produce a speed painting based on a simple, one-line brief. Here we feature the final paintings and the overview of the creation processes.

This month our talented artists, Levente Peterffy and Richard Tilbury, tackle the topic:

**THE SURGEONS
WERE SHOCKED AND REPULSED
WHEN THEY SAW
THE PARASITIC CREATURE**

Speed Painting

11

TOTAL PAGES



2d Artist SPEED PAINTING

LEVENTE PETERFFY

CREATED IN

A DIFFERENT APPROACH

In his tutorial, Levente shows the steps behind creating a speed painting for the character. The images are created in a traditional style, but the process is modern.

INTRODUCTION

There are a number of different methods of painting a character in a digital medium. The most common is to use a traditional style, but the process is modern. The most common is to use a traditional style, but the process is modern.

SETTING STARTED

First of all, we need to create a base image. This is done by using a reference image of a character. The next step is to create a base image. This is done by using a reference image of a character.

CREATION BY DESTRUCTION

The next step is to create a base image. This is done by using a reference image of a character.

2d Artist SPEED PAINTING

SPEED PAINTING

Before starting to paint, it's important to have a clear idea of the character you want to create. This is done by using a reference image of a character.

DEFINITION

The next step is to create a base image. This is done by using a reference image of a character.

2d Artist SPEED PAINTING

THE SURGEONS

Levente shows the steps behind creating a speed painting for the character. The images are created in a traditional style, but the process is modern.

FINAL TOUCHES

The final step is to create a base image. This is done by using a reference image of a character.

2d Artist SPEED PAINTING

SPEED PAINTING

Levente shows the steps behind creating a speed painting for the character. The images are created in a traditional style, but the process is modern.

LEVENTE PETERFFY

He is a professional digital artist and a member of the 2d Artist community.

"THE TERRAFORMING
[EARTH-SHAPING]
OF STERILE PLANETS
REQUIRES THE AMAZING
FEATS OF PLANETARY-
WIDE ENGINEERING. THE
TERM ITSELF IS WIDELY
ATTRIBUTED TO A SCI-FI
WRITER, JACK WILLIAMSON
IN HIS BOOK TITLED
"COLLISION ORBIT" ..."

SPACE PAINTING

I - PLANETS AND STAR FIELDS

PART 1: STARS + NEBULAS - JULY 2008

PART 2: BARREN WORLDS - AUGUST 2008

PART 3: BARREN PLANETS - SEPTEMBER 2008

PART 4: GAIAN PLANETS - OCTOBER 2008

PART 5: COLONISED PLANETS - NOVEMBER 2008

II - TRANSPORT

PART 6: SPACESHIPS - DECEMBER 2008

PART 7: CAPITAL SHIPS - JANUARY 2009

PART 8: SPACE STATIONS - FEBRUARY 2009

III - ENVIRONMENTS

PART 9: SCI-FI HANGAR - MARCH 2009

PART 10: SPACE BATTLE - APRIL 2009

PART 11: MINING THE ASTEROID FIELDS - MAY 2009

PART 12: SPACE COLONIES - JUNE 2009

SPACE PAINTING PART 4: GAIAN PLANETS

12 TOTAL PAGES

"THE TERRAFORMING (EARTH-SHAPING) OF STEPPLE PLANETS REQUIRES THE AMAZING FEATS OF PLANETARY-WIDE ENGINEERING. THE TERM ITSELF IS WIDELY ATTRIBUTED TO A SCI-FI WRITER, JACK WILLIAMSON IN HIS BOOK TITLED COLLISION ORBIT ..."

SPACE PAINTING

I - PLANETS AND STAR FIELDS

- PART 1: STARS + NEBULAE - JULY 2008
- PART 2: BARRON NEBULAE - AUGUST 2008
- PART 3: BARRON PLANETS - SEPTEMBER 2008
- PART 4: GAIAN PLANETS - OCTOBER 2008
- PART 5: COLONISED PLANETS - NOVEMBER 2008

II - TRANSPORT

- PART 6: SPACECRAFTS - DECEMBER 2008
- PART 7: CAPITAL SHIPS - JANUARY 2009
- PART 8: SPACE STATIONS - FEBRUARY 2009

III - ENVIRONMENTS

- PART 9: SCI-FI HANGAR - MARCH 2009
- PART 10: SPACE BATTLE - APRIL 2009
- PART 11: MAKING THE ASTEROID BELT - MAY 09
- PART 12: SPACE COLONIES - JUNE 2009

SPACE PAINTING PART 4: GAIAN PLANETS

CREATED BY: [Author Name]

TUTORIAL OVERVIEW

Following on from the last issue, this month we focus on the Gaian planets, the planets that are the most habitable in the galaxy. We will explore the various stages of their development, from their formation to their eventual habitability.

1. THE SEARCH FOR A NEW HOME

The search for a new home is a key theme in this issue. We will explore the various stages of planetary development, from their formation to their eventual habitability.

2. THE SEARCH FOR A NEW HOME

The search for a new home is a key theme in this issue. We will explore the various stages of planetary development, from their formation to their eventual habitability.

SPACE PAINTING PART 4: GAIAN PLANETS

ILLUSTRATING AN EARTH-LIKE HOME

The search for a new home is a key theme in this issue. We will explore the various stages of planetary development, from their formation to their eventual habitability.

- Apply Basic Starfield
- Rough in Planetary Masses
- Apply Focal Lighting & Detail
- Add Atmosphere eg. Clouds

SPACE PAINTING PART 4: GAIAN PLANETS

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SPACE PAINTING PART 4: GAIAN PLANETS

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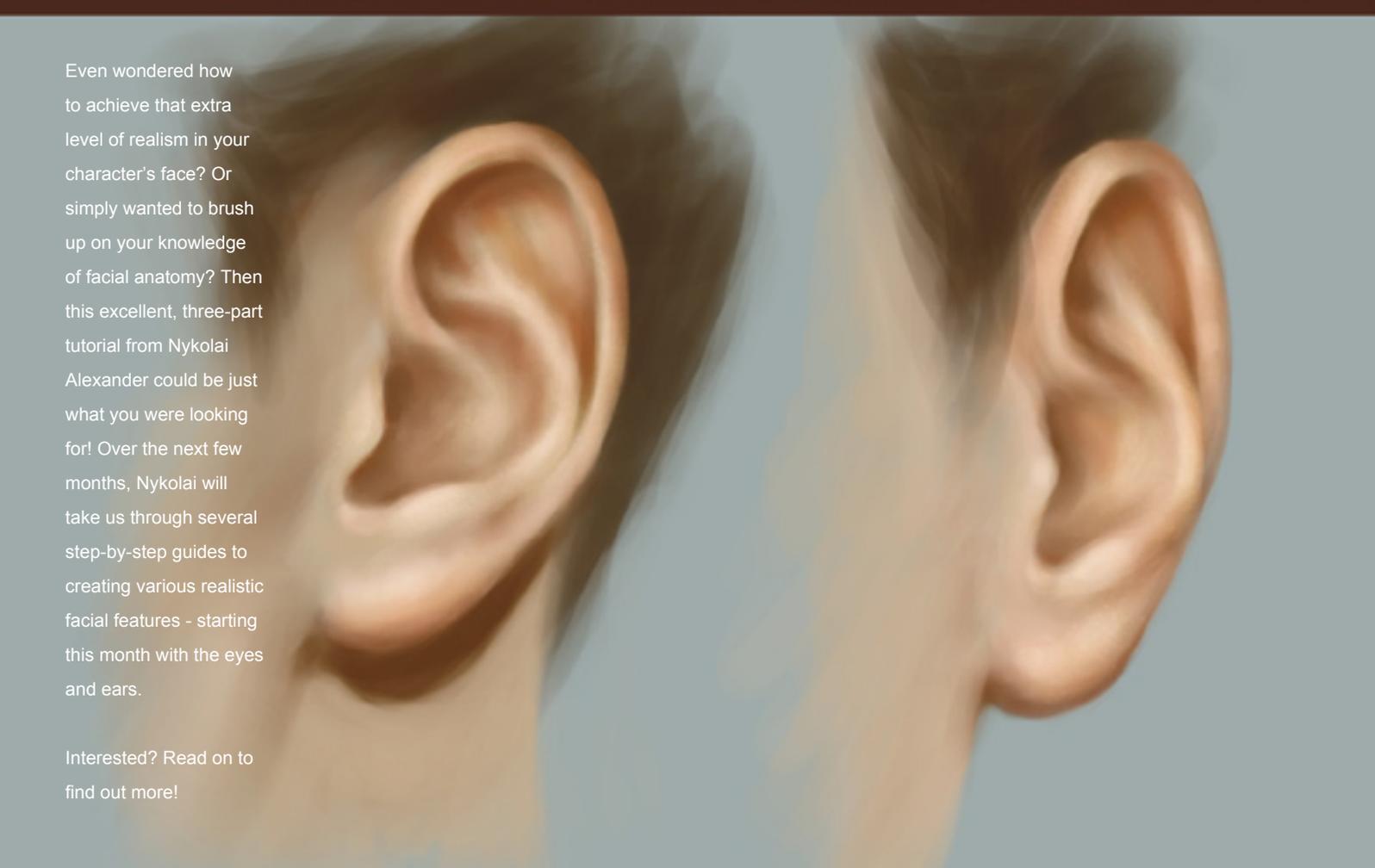
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"THE EYES ARE SAID TO BE THE WINDOW TO THE SOUL. AND UNDOUBTEDLY THEY ARE THE MOST EXPRESSIVE PART OF A FACE."

part one - eyes & ears

the human face



Even wondered how to achieve that extra level of realism in your character's face? Or simply wanted to brush up on your knowledge of facial anatomy? Then this excellent, three-part tutorial from Nykolai Alexander could be just what you were looking for! Over the next few months, Nykolai will take us through several step-by-step guides to creating various realistic facial features - starting this month with the eyes and ears.

Interested? Read on to find out more!

the human face

part one - eyes & ears

10

TOTAL PAGES



"THE EYES ARE SAID TO BE THE WINDOW TO THE SOUL, AND UNDOUBTEDLY THEY ARE THE MOST EXPRESSIVE PART OF A FACE."

2d **the human face part one - eyes & ears**

CREATED BY: [Name]

LET'S PUNT!

...direction of brush strokes

2d **the human face part one - eyes & ears**

LET'S PUNT!

2d **the human face part one - eyes & ears**

shading under thin lower eyelid

shading from upper lid and eyelashes

2d **the human face part one - eyes & ears**

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"FOR A WHILE
NOW I HAVE BEEN
INCORPORATING
ABSTRACT PATTERNS
AND SHAPES INTO
MY OWN WORK AND I
WANTED TO SEE HOW
FAR I COULD PUSH
THIS."

Nick Miles shares
the process taken
to create his digital
painting "The Mantis
Queen", from the
initial ideas stage all
the way to the final
image.

MAKING OF BY NICK MILES
**THE MANTIS
QUEEN**

THE MANTIS QUEEN

6

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Renowned for his truly mesmerizing characters, Olivier Ponsonnet chats with us and we find out why he prefers using 3dsmax to ZBrush

OLIVIER PONSONNET

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Unexpected - Honda Spot & 3d+ Games & Video Production
- INTERVIEWS**
Olivier Ponsonnet & Sunjay Chand
- GALLERIES**
Rafael Ghoneim, Won Gyo Lee & Martin Brisson plus more!
- MAKING OF'S**
Drinks Girl by Rodrigo Barzola
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Speed Sculpting Amphibious Man by Adam

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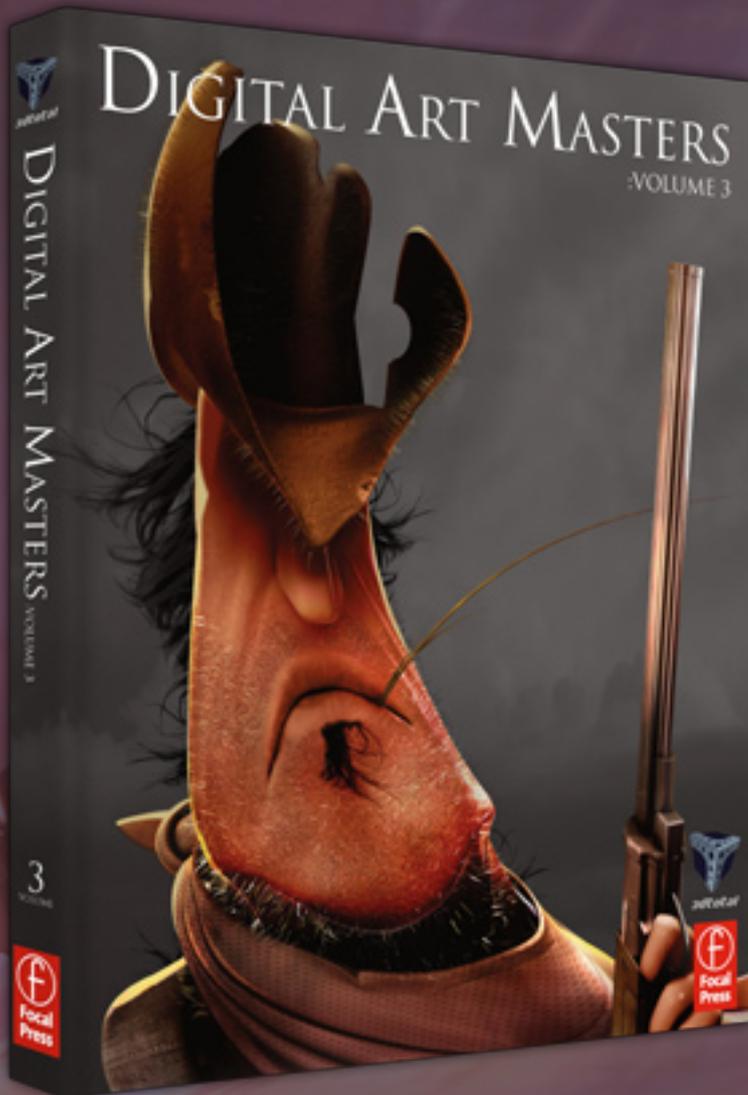
DIGITAL ART MASTERS VOLUME 3

With the release of 3DTotal's book, *Digital Art Masters: Volume 3*, we have some exclusive chapters for you...

This book is more than just an artwork book. Not only does it feature full-colour, full-page images, but each artist has given a detailed description, in their own words, of the creation process behind each piece of published artwork. And they've done it especially for this book!

This month we feature:

"Flight of Silverbows"
by Dr. Chee Ming Wong





The following shots of the "Flight of Silverbows" book pages are featured here in full-resolution and can be read by zooming in...

FLIGHT OF SILVERBOWS

BY DR CHEE MING WONG



INTRODUCTION
In producing conceptual art and illustrations for the entertainment industry, there is often a great deal of an iterative process that goes into the design. This includes the thoughts, philosophy and technical requirements that often accompany an art brief, which ultimately help towards making a non-existent scene believable.

PRODUCING A GAME ASSET

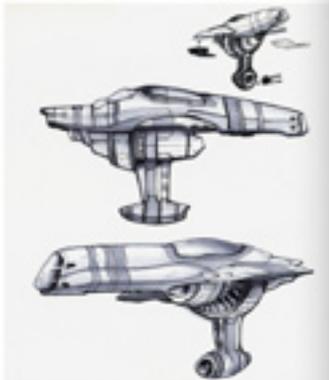
In 2005, I signed up with Platoon Studios (a television art programme) to help produce some conceptual art and illustrations for "Infelix: The Queen's War". Infelix is a space-based, massively multiplayer online game in the vein of Star Wars: Galactic Battlegrounds from the 1990s (produced by an independent group of developers for many thousands years in the future). I produce a complete gallery that players can explore, enhance or fight enemies for.

Most of the game uses procedural algorithms to create the universe and planets, but require a database of pre-generated content, such as spacecraft and buildings.

The first step to creating a usable in-game 3D model is to make a concept or sketch of the model. It is vital as direct reference is to provide inspiration to the modeler (usually a different person than the concept artist), who subsequently produces a three-million poly count 3D model. The 3D model essentially gets UV mapped and textured before it is integrated into the game.

CONCEPT TO ILLUSTRATION

First, there are no hard and fast rules of how to produce a great, effective design, and make it into the design phase and the illustrative phase.



While the design phase, I gather traditional media to loosely sketch out the structure, form, function and aesthetic of a character – more specifically, I enjoy sketching (hand-drawn) in perspective with a 3/4 view and a three-quarter 3/4 view on any paper medium.

Alternatively, exploration via digital media involves producing a variety of solid shapes, which can be used to generate a variety of organic, engine parts, gun components, cooling, and various other design objects. This method allows for a modular approach towards building a vehicle that can have parts that integrate and swap seamlessly.

DESIGN ASPECT

Inspiration can come from any source and in many forms. In this regard, the concept originated from a cross between a fighter shape and WWII fighter planes. This started the concept, by looking to both a central engine with a smaller vertical type for an external thruster.

Initial transport design for this design, I perceived that by offering an external engine vertically, this allowed for advantageous high-G maneuvers. As such, I explored various options and ideas in my sketchbook and even explored the notion of mounting modular weapon components (Fig. 80).

Refinement of concept From the initial sketch, I started sketching within Photoshop and produced a rapid prototype for perspective study. This allowed for various strong shapes to be explored. It results as a silhouette. It has a strong color design (Fig. 81).

ILLUSTRATION

In considering an illustration layout, there were various things to consider. In the main, I wanted to show the Silverbow fighters in the role of an escort, and also try to illustrate the operation in its various modular modes.

Initial layout The initial layout shows a main form "fighter" (as depicted as No. 1), showing the main ship to complete issues further. I decided that each fighter would have its own secondary form to highlight the fighter's high maneuverability (Fig. 82).

Storyboarding To build up an initial scene first, one can duplicate the base underlying sketch onto a new layer and set it to Multiply. Though various complementary light falling on a cylinder can be used to approximately produce a realistic shadow on each fighter shape. Each



which can subsequently be selected and used as an alpha channel for ease of selection in the future (Fig. 84).

Perspective grid. The overall composition is mainly a multi-perspective illustration. The main vanishing point (VP) is placed on the far left. However, there are two other hidden vanishing points (VP) outside the canvas at one or both and the other VP at two or three from the center of the canvas. In addition, each figure and transport has its own VP (Fig. 85).

Reverse lighting and silhouette. For the sake of illustration, each figure has its main light with the usual light repeated onto the canvas. To improve the overall ambience, I recolor the objects into a hierarchy of foreground, middle ground and background color (Fig. 86).

Additional lighting. Once the basic shapes and forms are finished or sufficiently and conform to the ambient lighting, the next aim is to add direct lighting, basic shading, and effects color (e.g. sky heat) (Fig. 87).

Render asset. Here is the end result of the conceptual stage in 3D model form, where the leading pose and material is often used to this site to present a believable design and use (Fig. 88).

Final touches. The key remaining factors are to add light contrast, rim light (to enhance edge visibility),

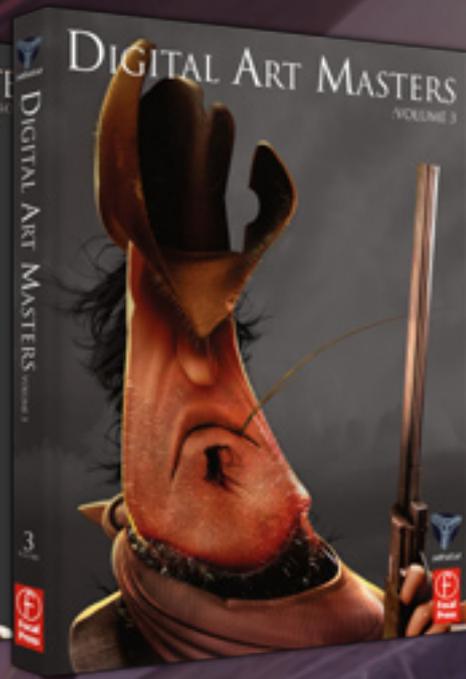
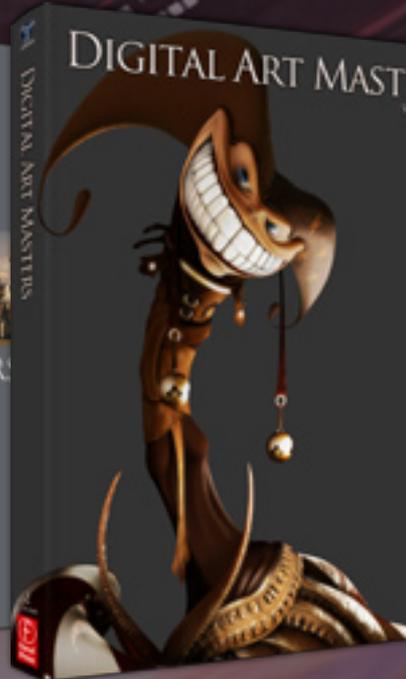
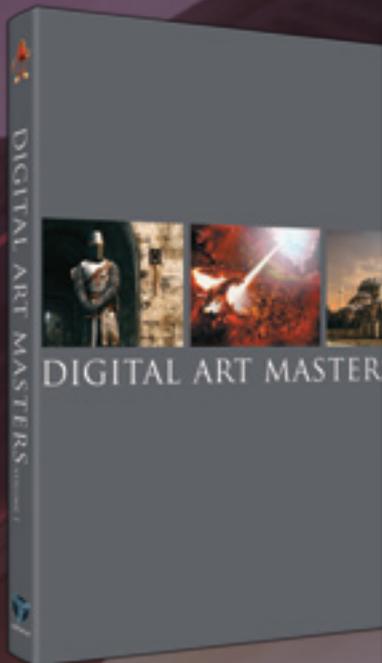


details and signs to simulate the feel of a working futuristic fighter. In this regard, Photoshop's transform tools come in very handy, allowing for deformation and subtle adjustment of form and/or into the right plane of perspective and most importantly, the fine details such as textures that enhance and confirm the believability (Fig. 88).

And with a few final touches, the illustration is deemed to be finished at this stage.

CONCLUSION
Throughout my own process of conceptualization and illustrating for infidelity, I have come to learn myself a wealth of conceptual design and better appreciate the nature of industrial and transport design. With every painting, it does feel as if there is never enough done to call it finished, and the same applies towards the illustration. There are always regions and aspects that would have liked to explore, but suffice to say this piece represents a small highlight in my continued growth as a theory-conceptual artist.

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www.zoopublishing.com
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 Editor > Lynette Clee
lynette@zoopublishing.com
 Lead Designer > Chris Perrins
chris@zoopublishing.com
 Content Manager > Lynette Clee
lynette@zoopublishing.com
 Marketing > Lynette Clee
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