Ancient Egyptian tomb
CG Reconstruction and Visualization in 3ds Max

Andrey Plaksin
Head of ArchViz at Architect Design Company | @scionik
About the speaker

Andrey Plaksin

Head of architectural visualization at Architect Design company. I gave presentations at Autodesk events, CG Events. Wrote a book on mental ray; made 3D-reconstructions of Nefertari's tomb; regular sports; photography of urban and natural landscapes.
Introduction
Tomb Raider

Resident Evil

1996-1997
Автор: Андрей Пилин

Тема: Инструментарий «Архивирования в СГ»

Текстуры:
- mProxy и Inry ActiveShade

Свет:
- Рендеринг

Компоненты:
- модели прокси и инлайн в ActiveShade

Результат:
- Визуализация и анимация

Autodesk University Russia 2012
ANCIENT EGYPTIAN TOMB
CG RECONSTRUCTION AND VISUALIZATION IN 3DS MAX

THE TOMB OF NEFERTARI

3D-RECONSTRUCTION OF ARCHITECTURAL, CULTURAL AND ART MONUMENT OF ANCIENT EGYPT

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Disclaimer

The author would like to give a little disclaimer regarding this work. This is the first experience of reconstructing and translating Egyptian tomb texts. Some aspects, artistic and philological, are based on similar materials and a limited number of examples.

The author and other members of this project are fully aware that a number of problems might occur. All of this could be a subject to discussion; some of the points might be controversial, and some aspects - incomplete. However, we hope that this work will inspire others for further research, for it seems to us that such is the essence of every beginning.

Project members
ПОСТСКРИПТУМ

[Text in Russian]

Директор ССС: [Name]

[Additional information in Russian]
Nefertari’s Tomb
Modeling and Drawing
Archivio di Stato, Torino, fondo MAE
Lighting and Rendering
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Project Members

Artists and research
Andrey Plaksin
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Additional artists
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Natalia Sycheva
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Andrey Plaksin

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Nicky Van De Beek
Kairoinfo4u
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Ludmila Tishkina
Svetlana Ovcharenko

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Oleg Borisov
Alina Pushkareva

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Stella Zaitseva
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Artiom Gizun
Sergey Shirokhov
Dmitry Zimovets

nefertaritomb.com
John K. McDonald
*House of Eternity: The Tomb of Nefertari*
Los Angeles, 1996

Miguel Ángel Corzo and Mahasti Afshar
*Art and Eternity: The Nefertari Wall Paintings Conservation Project, 1986-1992*
Los Angeles, 1993

Christian Leblanc, Alberto Siliotti
*Nefertari e la valle delle Regine*
Giunti Gruppo Editoriale, Firenze, 2002

Robert Steven Bianchi and John K. McDonald
*In the Tomb of Nefertari: Conservation of the Wall Paintings*

Gertrud Thausing, Hans Goedicke
*Nofretari: Eine Dokumentation der Wandgemälden ihres Grabes*
Verlaganstalt, Graz, 1971

Heike C Schmidt, Joachim Willeitner
*Nefertari: Gemahlin Ramses' II*
Mainz, Philipp von Zabern, 1994

Wall Paintings of the Tomb of Nefertari: Scientific Studies for their Conservation
Oxford University Press, 1987

Christian Leblanc
*Nefertari, L'aimee-de-Mout*
Paris, Editions du Rocher, 1999

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*La tumba de Nefertari.* Madrid, 1978

Fordazine Memmo
*The Getty Conservation Institute Nefertari: Luce d'Egitto*
Leonardo Arte s.r.l., Italy, 1994

Colin Campbell
*Two Theban queens: Nefertari and Ty-ti, and their tomb*
London, 1909

Издательство Государственного Эрмитажа
*Нефертари и долина цариц*
Санкт-Петербург, 2017

Edmund Donnelinger
*Der Jenseitsweg der Nofretari*
Verlag für Kunst, Graz, 1973

National Geographic history magazine
*no. 31*
Spain, September 2006

Nefertaritomb.com
The future...
...IS HERE
Exhibitions and Mass Media

National Geographic Museum
March 1, 2019 – September 15, 2019, Washington DC, USA

Autodesk University Russia 2019
October 2-3, 2019, Moscow, Russia

Nelson-Atkins Museum
November 15, 2019 – March 29, 2020, Kansas City, USA

Mayak Radiostation
December 9, 2019, Moscow, Russia

Area Autodesk
July 26, 2019, USA; Article

YouM7.com
January 29, 2018, Egypt; Article