

3D Printing in Monumental Sculpture

Petr Chegodaev

Sculptor / Individual Entrepreneur



Is It Possible to Surpass
Michelangelo?







About the speaker

Petr Chegodaev

At the moment he is the author of 7 monumental sculptures in various cities of Russia, including Moscow. Since 2016 began to use 3d printing in the process of making sculptures. In 2017 he performed at TEDx Vladivostok, revealing the theme of digital sculpture. Now he is preparing a solo exhibition in Moscow and is promoting a digital approach in sculpture.





Naparnik (2017)

studio CGFactory (<http://www.cgfww.com>)

studio BAZELEVS (<http://bazelevs.com>)



I Am Dragon (2017)


studio CGFactory (<http://www.cgfww.com>)

studio BAZELEVS (<http://bazelevs.com>)







A bronze statue of a man, likely a musician, is depicted sitting on a wide stone step. He is wearing a long coat and boots, and is playing an acoustic guitar. The statue is set in a park-like environment with trees and a building in the background. The entire image has a blue color overlay. The text "My First Monumental Sculpture" is centered over the statue in a white, sans-serif font.

My First Monumental Sculpture

A bronze sculpture of a man's head, with detailed curly hair and a beard, is mounted on a large, dark, rectangular metal block. The sculpture is positioned in a workshop setting, with various tools and equipment visible in the background. The lighting is somewhat dim, and the overall tone is blue. The text "Traditional Bronze Sculpture Production Process" is overlaid in white, centered on the image.

Traditional Bronze Sculpture Production Process





























Why 3D?









Я, конечно, сплю – не пройдет и полвека...

Нужели такой я вам нужен
После смерти?!

Развитие идет не по спирали,
А ~~вверх~~ и ~~вниз~~, вразнос, ~~наперекосяк~~;

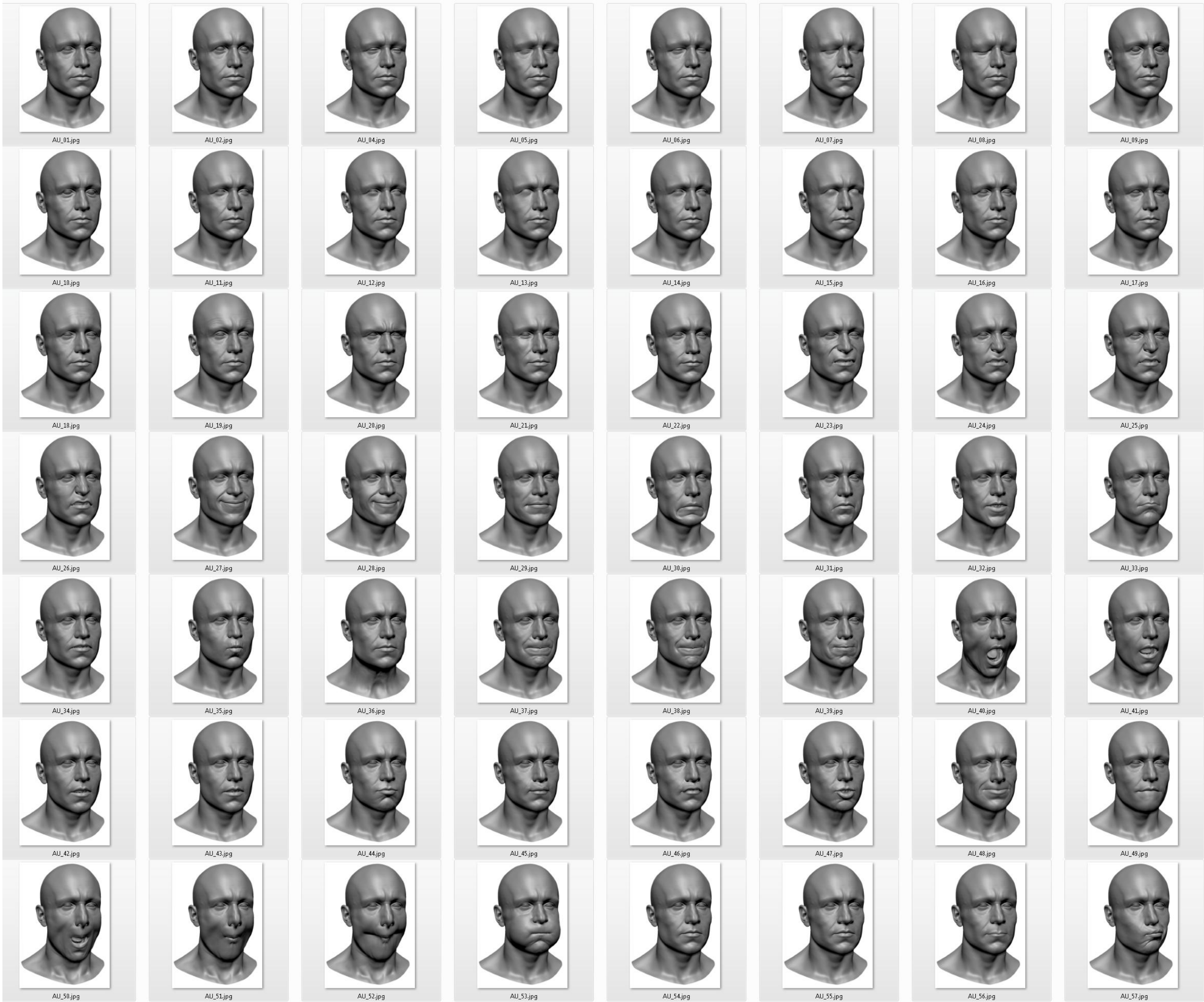
Вот только жаль растятого Христа.

ОТКРЫТ ЗАКРЫТЫЙ ПОРТ ВЛАДИВОСТОК

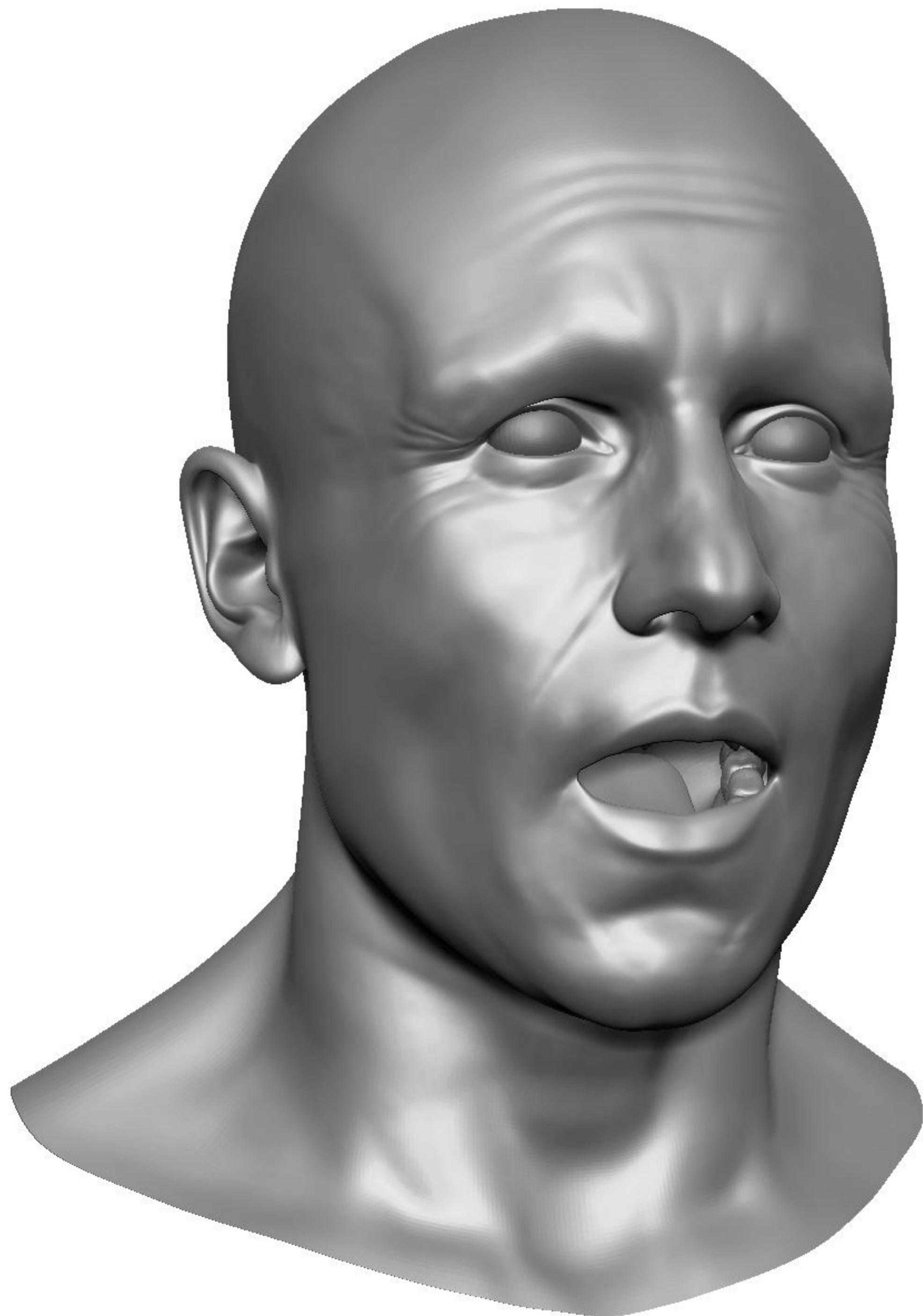
Удивительно рядом, но она запрещена!

Возвращаются все, кроме тех кто нужен

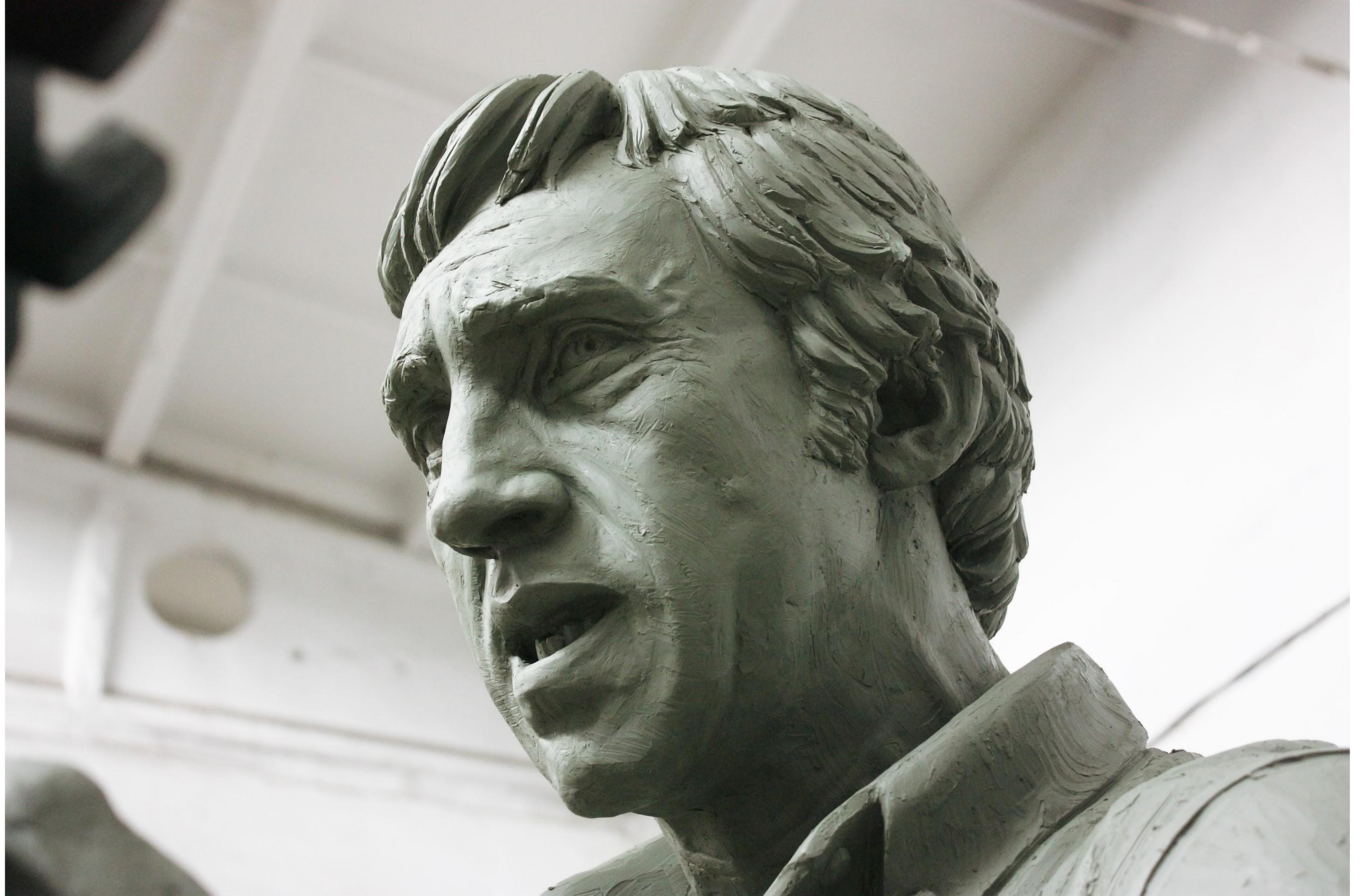
Только с гипса влискую стесали азиатские скульпторы мои.





























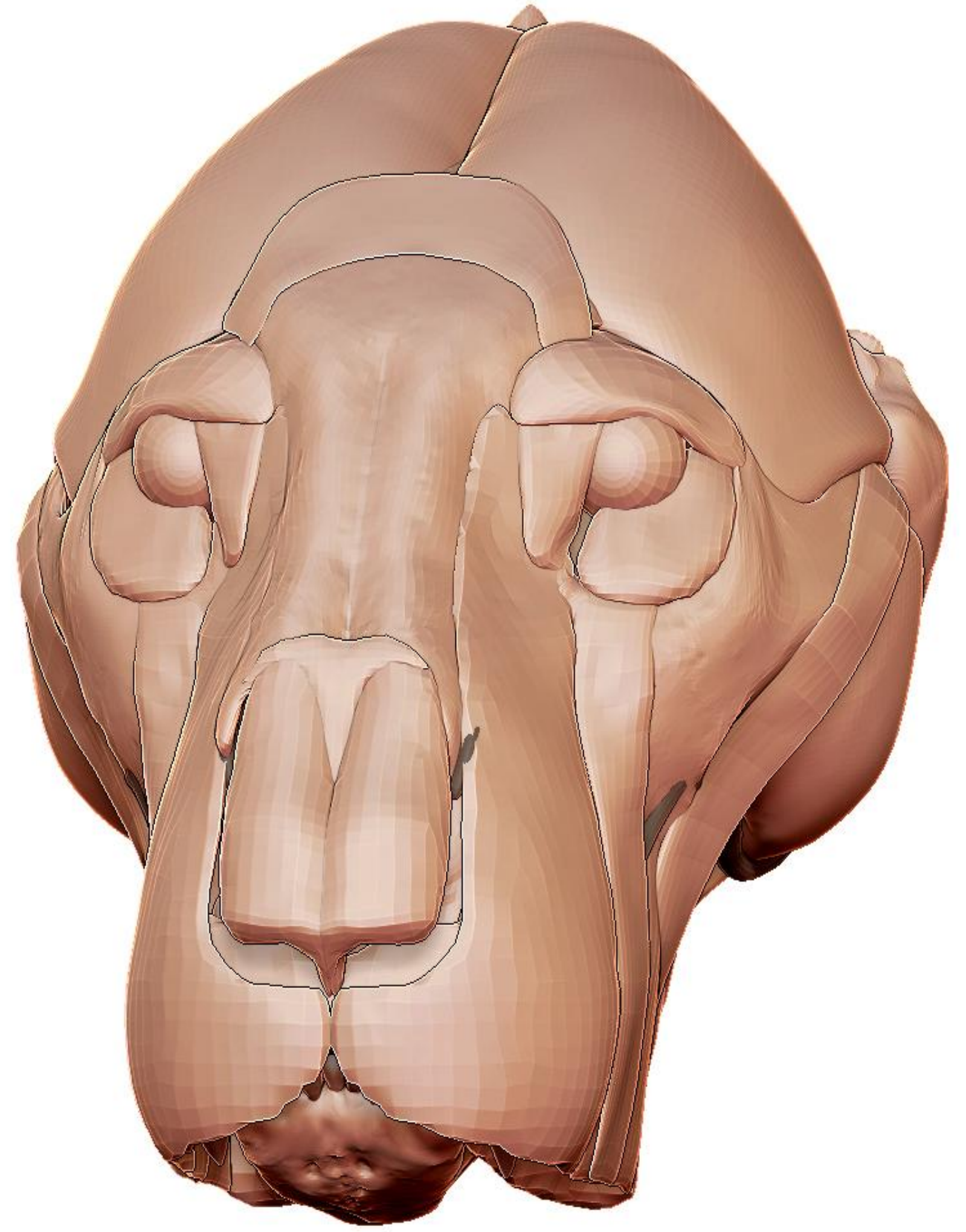






















3D Printing Sculpture Production Workflow



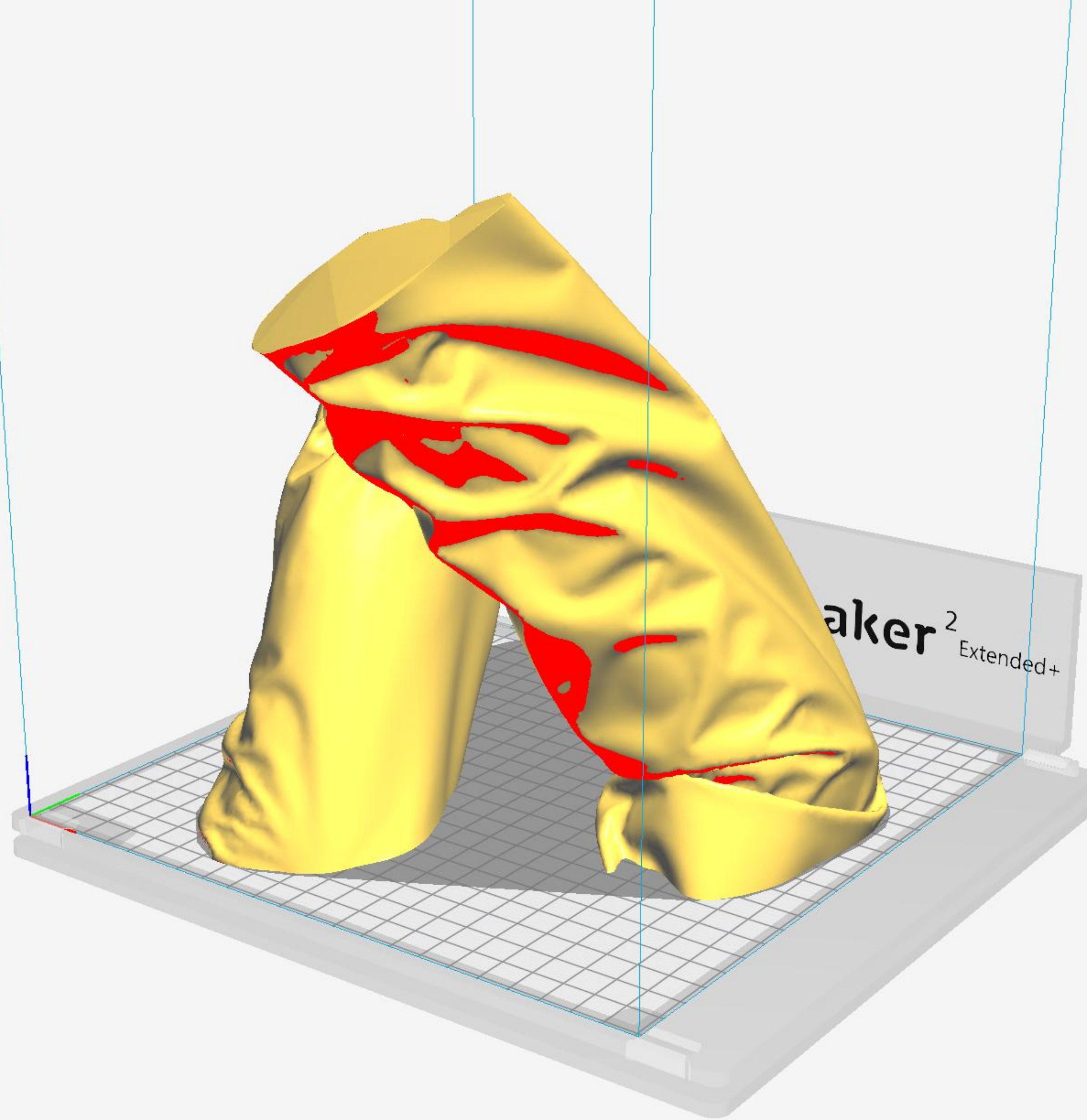
























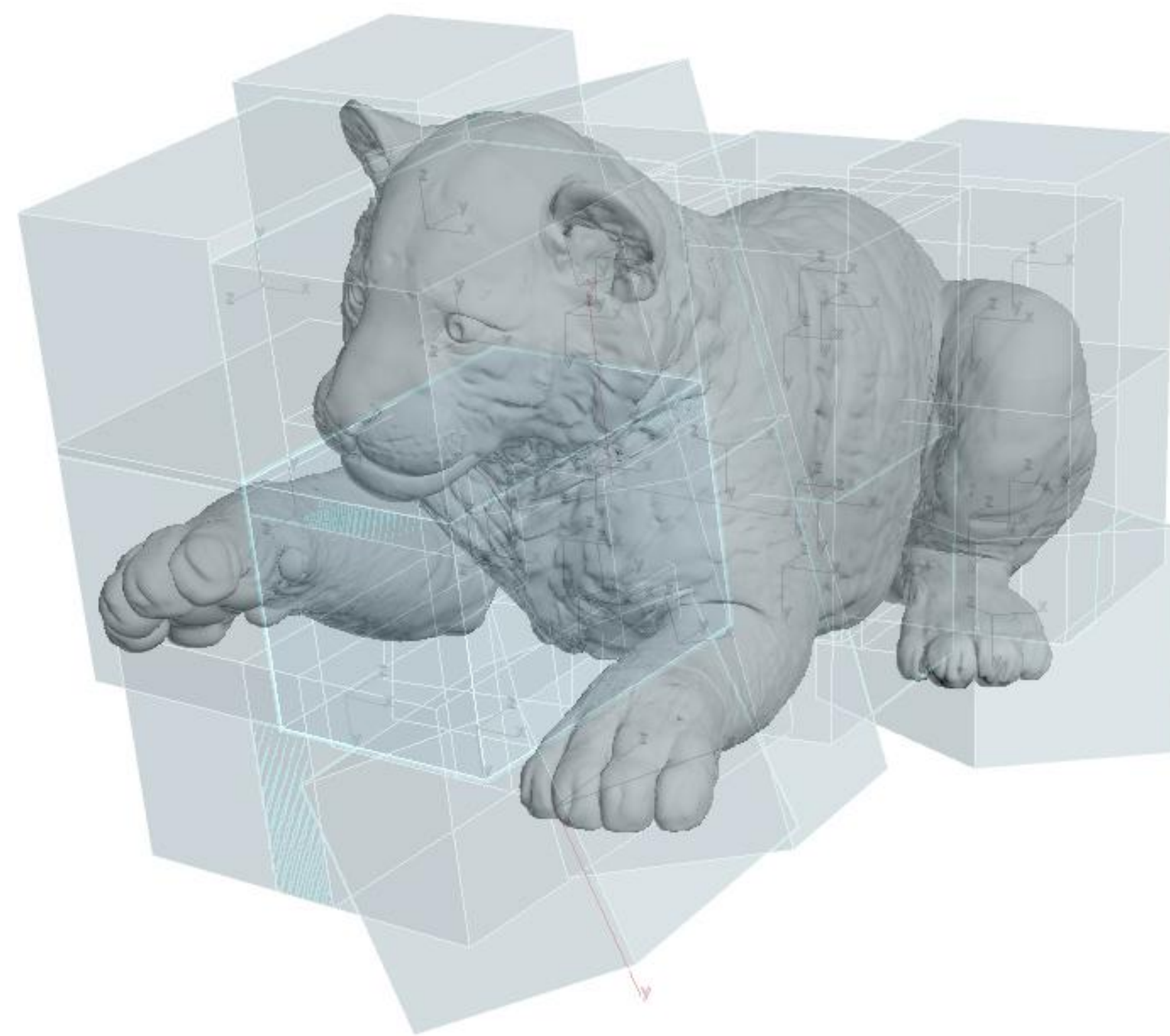


Находясь на передовой в борьбе с браконьерством,
сотрудники Государственной инспекции выполняют
сложную и опасную работу. Во благо природы они рискуют
собственным здоровьем, а иногда и жизнью.
Этот монумент – символ уважения к налоговой службе
региона.

Жителям Приморского края от Центра «Амурский тигр»







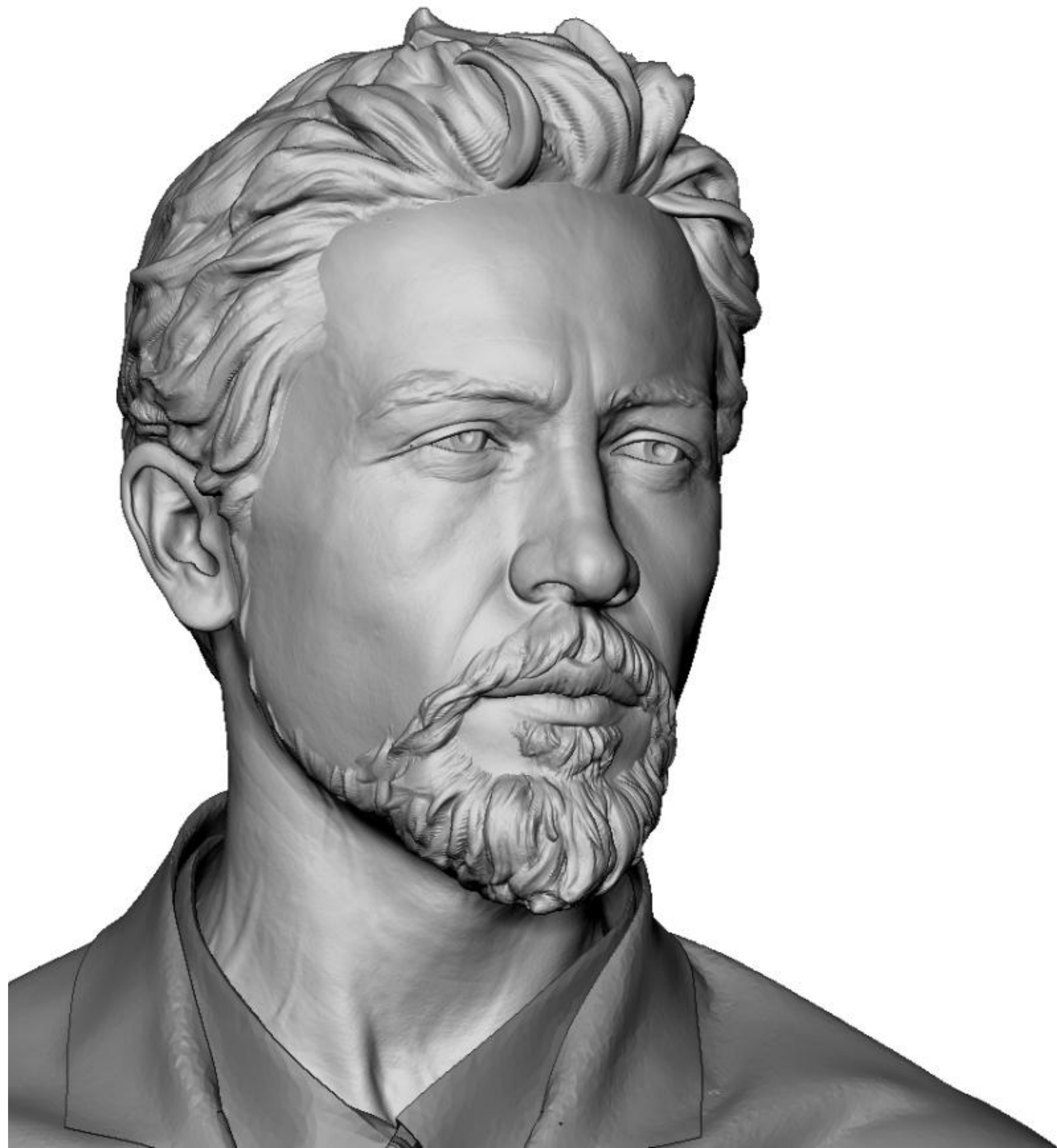










































A close-up photograph of a 3D printed ring sculpture. The ring is dark grey or black, with a visible layer-by-layer texture characteristic of FDM printing. It has a slightly irregular, handcrafted appearance. The ring is resting on a light-colored, textured surface, possibly a piece of paper or a workbench. The background is blurred, showing a desk with a keyboard and some papers. The entire image has a blue color overlay.

3D Printing Sculpture Production Workflow





New Age in Sculpture









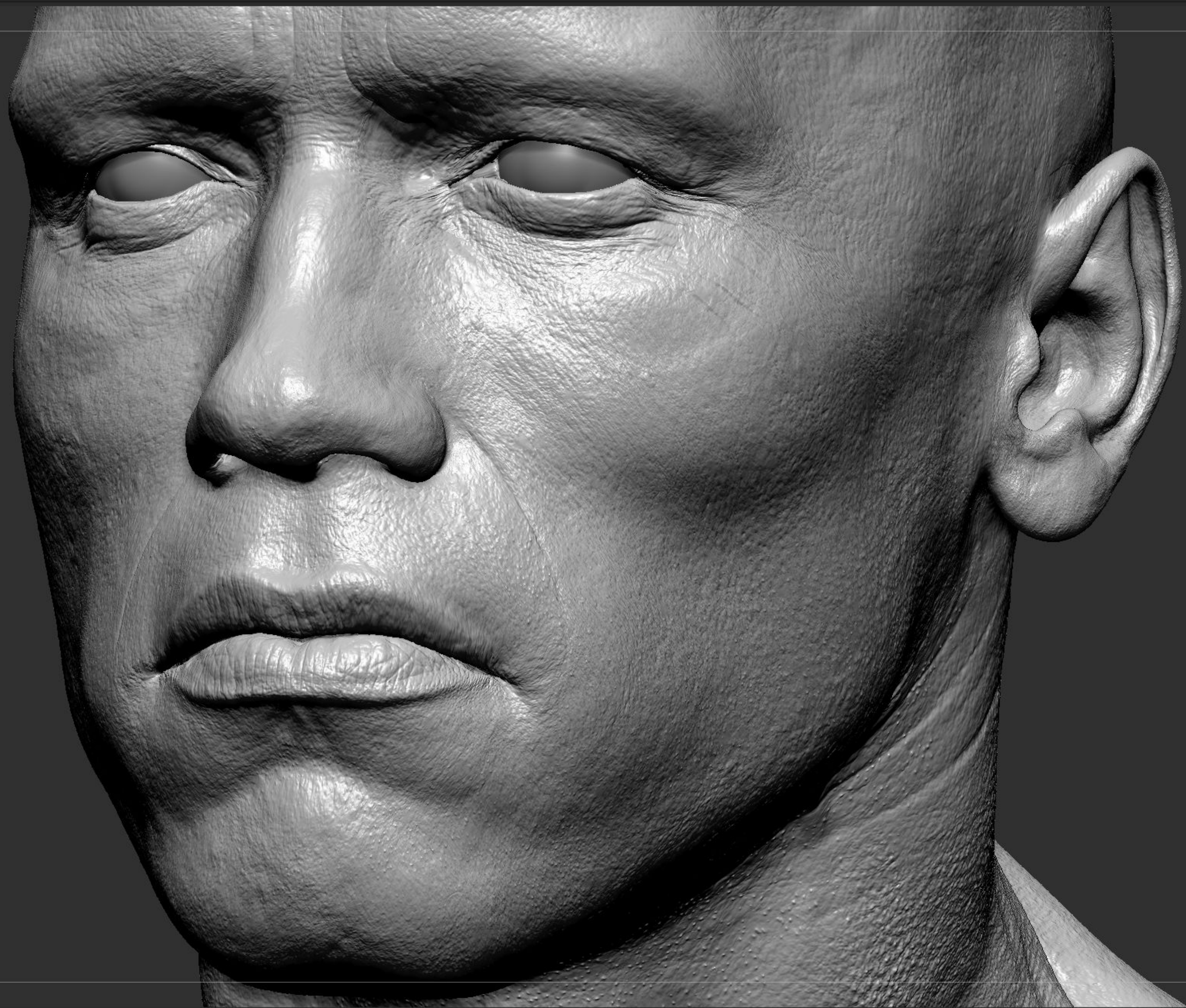


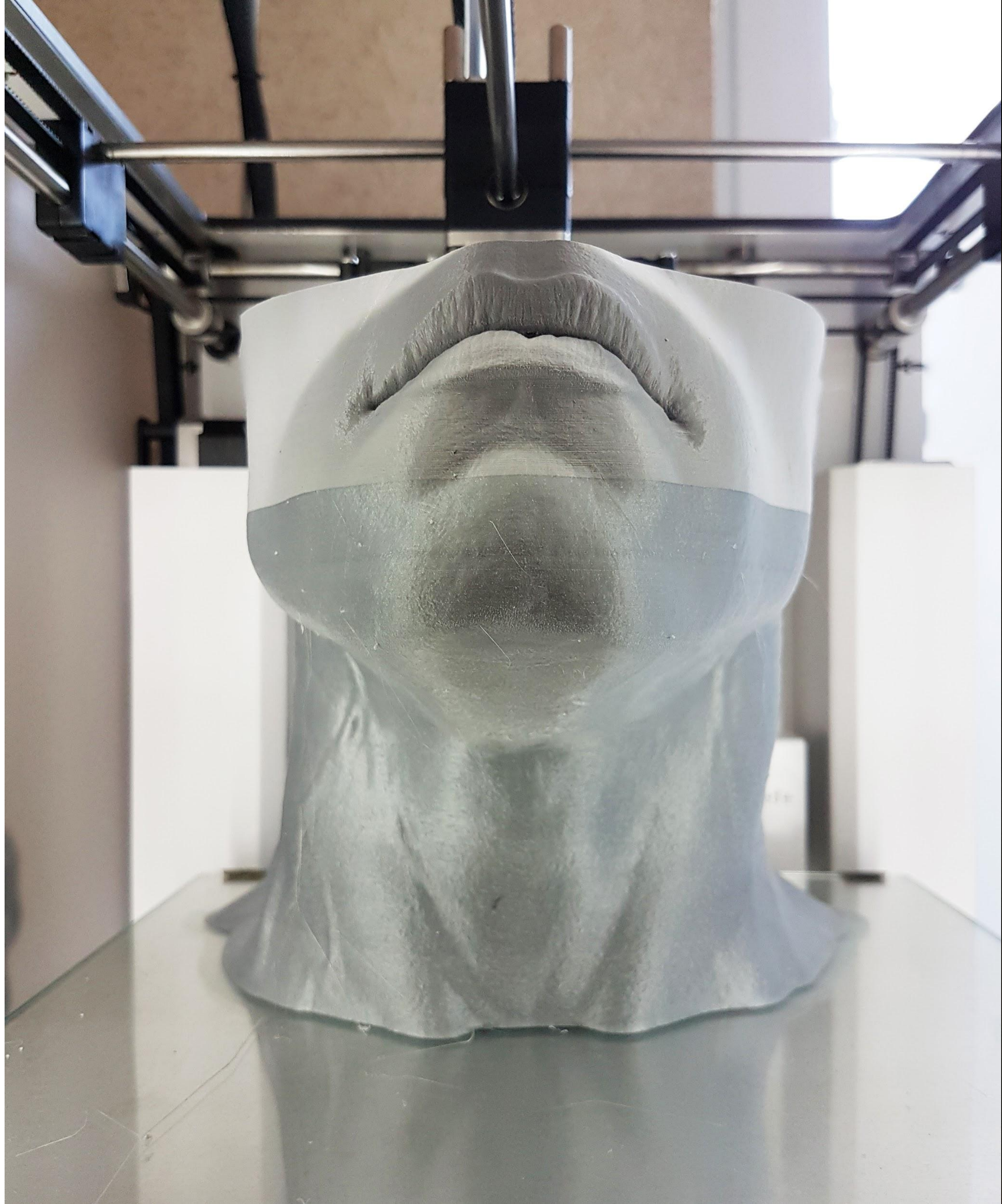










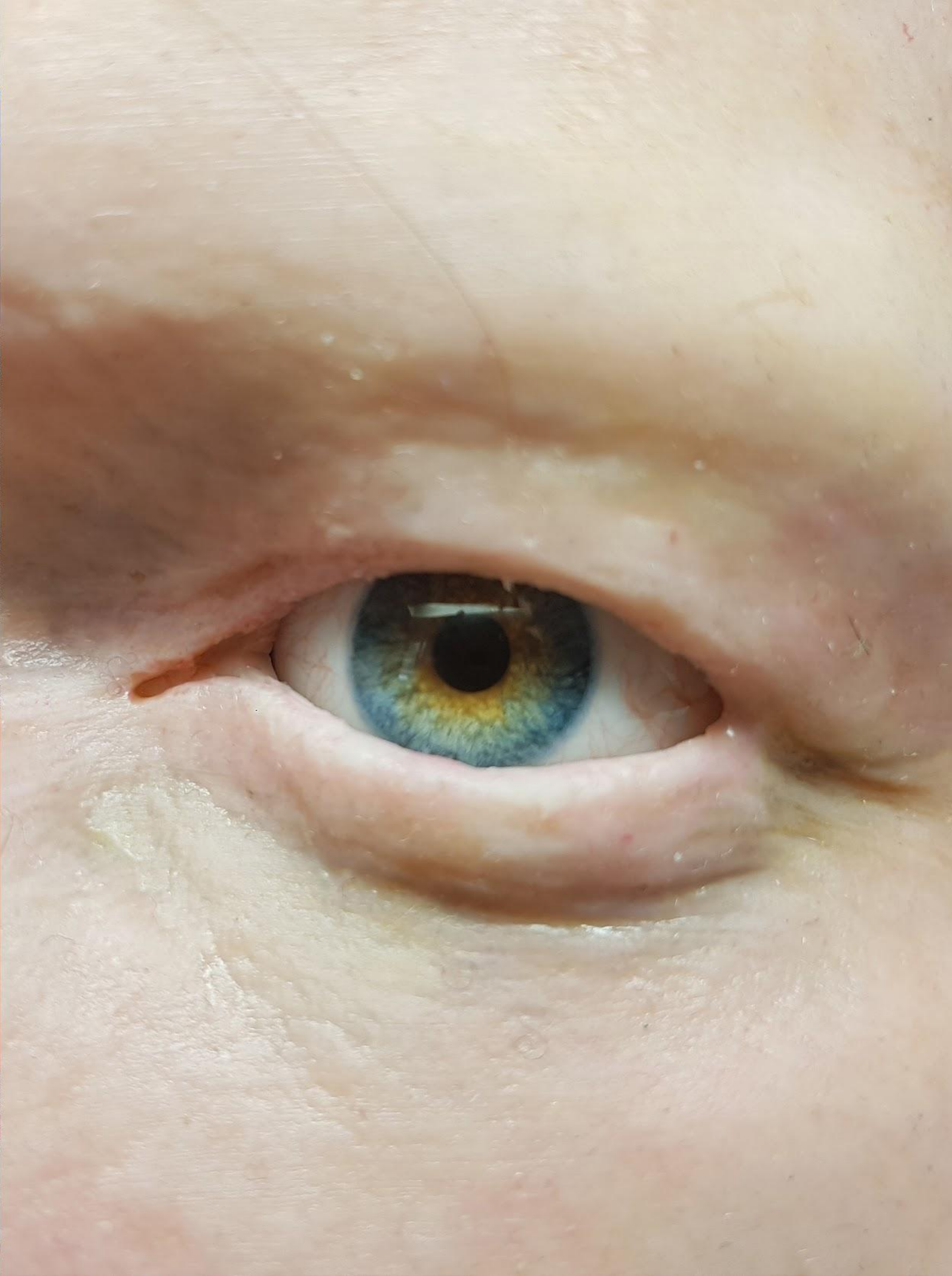




















Conclusion



Autodesk and the Autodesk logo are registered trademarks or trademarks of Autodesk, Inc., and/or its subsidiaries and/or affiliates in the USA and/or other countries. All other brand names, product names, or trademarks belong to their respective holders. Autodesk reserves the right to alter product and services offerings, and specifications and pricing at any time without notice, and is not responsible for typographical or graphical errors that may appear in this document.

© 2018 Autodesk. All rights reserved.

