

JOHN MCASLAN + PARTNERS

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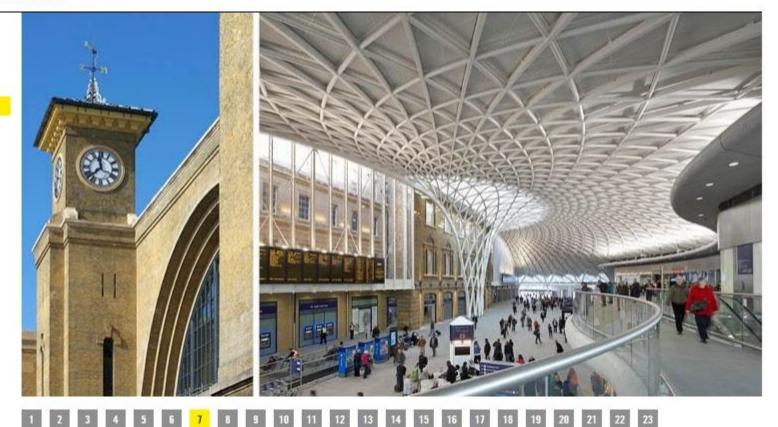
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KING'S CROSS STATION

The transformation of King's Cross Station creates a remarkable dialogue between Cubitt's original 19th century station and 21st-century architecture. Opened to the public in March 2012, in advance of the 2012 London Olympics, King's Cross is now an iconic architectural gateway to the capital. The scheme has restored Grade I listed historic fabric, and added the highly innovative new Concourse. At 7,500 sqm, it is three times the size of the original concourse and has become the 'beating heart' of this multi-modal transport hub, linking St Pancras Station, Thameslink services, London Underground, taxis and bus services, and accommodating up to 150,000 passengers daily through a spacious and dynamic multi-modal interchange.

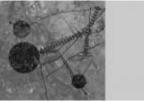
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KING'S CROSS STATION MASTERPLAN

Widely praised for its design and refurbishment of the Grade I listed Station ...



ANAND VIHAR TRANSPORT HUB

The 53ha Anand Vihar Transport Hub will be a major new multimodal interchange ...



DOHA METRO

John McAslan + Partners is supporting the design of six Green Line stations ...



GOLDSMITHS COLLEGE MASTERPLAN

John McAslan + Partners was appointed to prepare a masterplan for Goldsmiths ...



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BELFAST HUB SUBMITTED FOR

The Belfast Transport Hub. 1 + Partners' design designed by John McAslan + Partners with Arup for ...



THE ART OF REGENERATION An exhibition at the Museum of

Russian Impressionism celebrates the Museum's ...



NICOLA STURGEON VISITS BURGH HALL

Following almost a decade of restoration work, Nicola Sturgeon, Scotland's First ...



BEST OFFICE AWARDS 2017

The Bolshevik Factory in Moscow has won first prize in Heart Cathedral of the Best Office Awards 2017.



JMP'S SENIOR SCHOOL FOR BRITISH SCHOOL RIO DE JANEIRO OPENS

The practice's new senior school for The British School in Rio de Janeiro, was ...

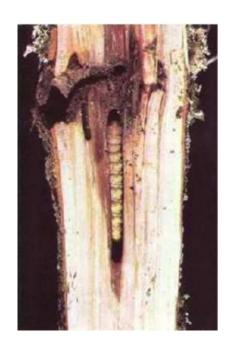


PAUL EAST APPOINTED TO HEAD UP JMP'S EDINBURGH OFFICE

Paul East has been appointed to head up JMP's Edinburgh office. During his ...



SITUA/ THE BIOLOGICAL Research Sphere 2 Biological Interpolation in Fabrication

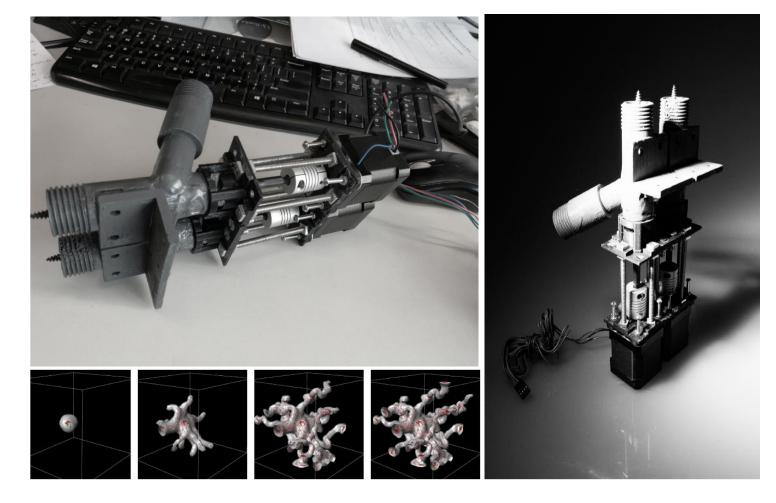








Puriri moth behaviour/ korero o nehe.



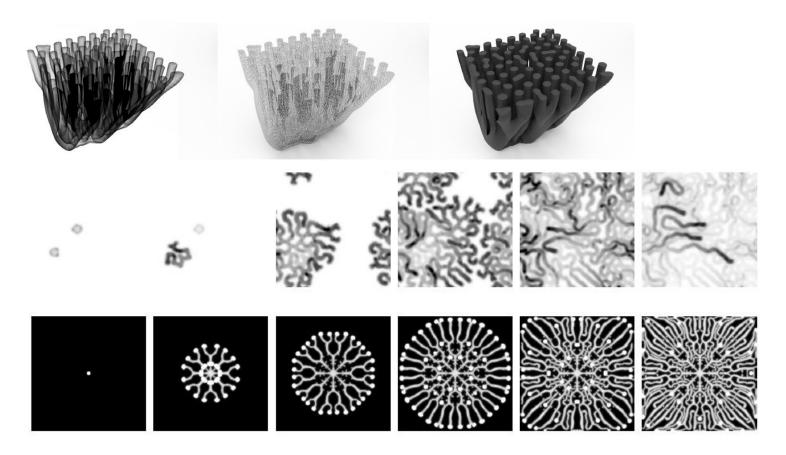
Dual nozzle construction/ print simulation studies.







Material subtraction through biological tooling.
References to term 'Whakairo' Whaka-Iro. To subtract to carve to eat away/ dissolve.

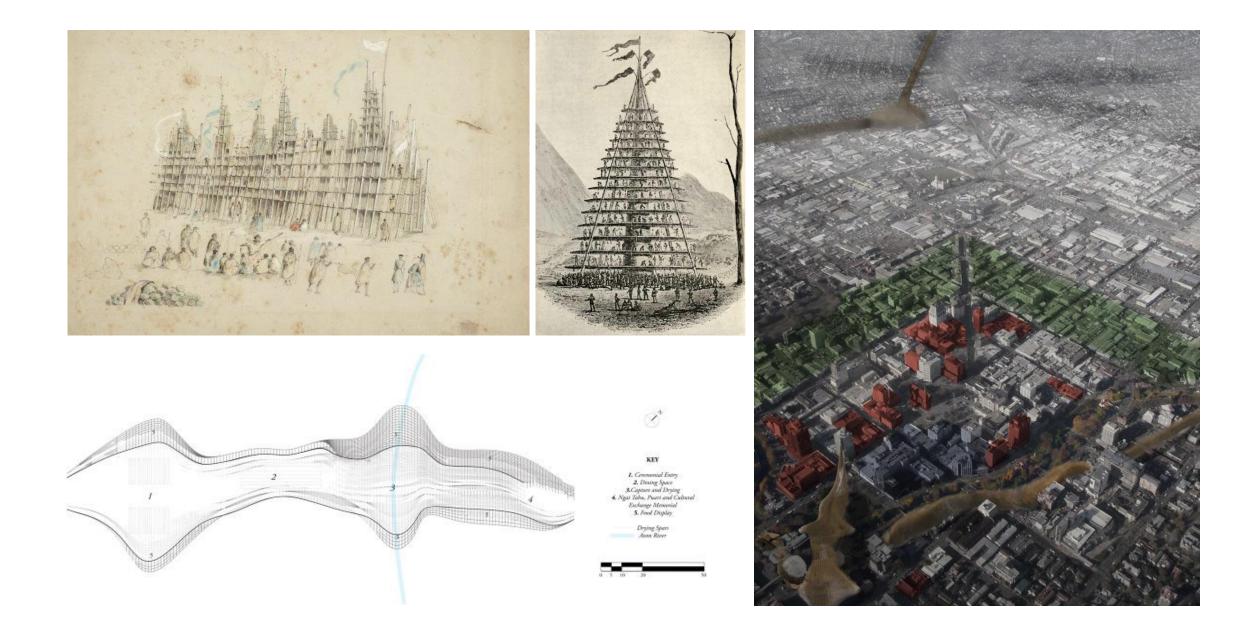


Material subtraction through biological tooling. Toolpath orchestration/ cellulose depositions.

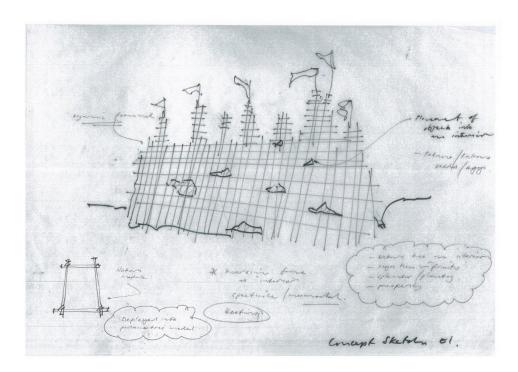


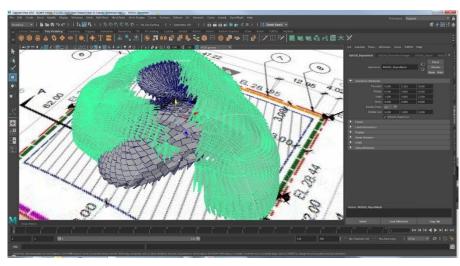
SITUA/ FORENSIC RE- SETTLEMENT

Research Sphere 3
Digital heritage, re modulation, re vitalisation

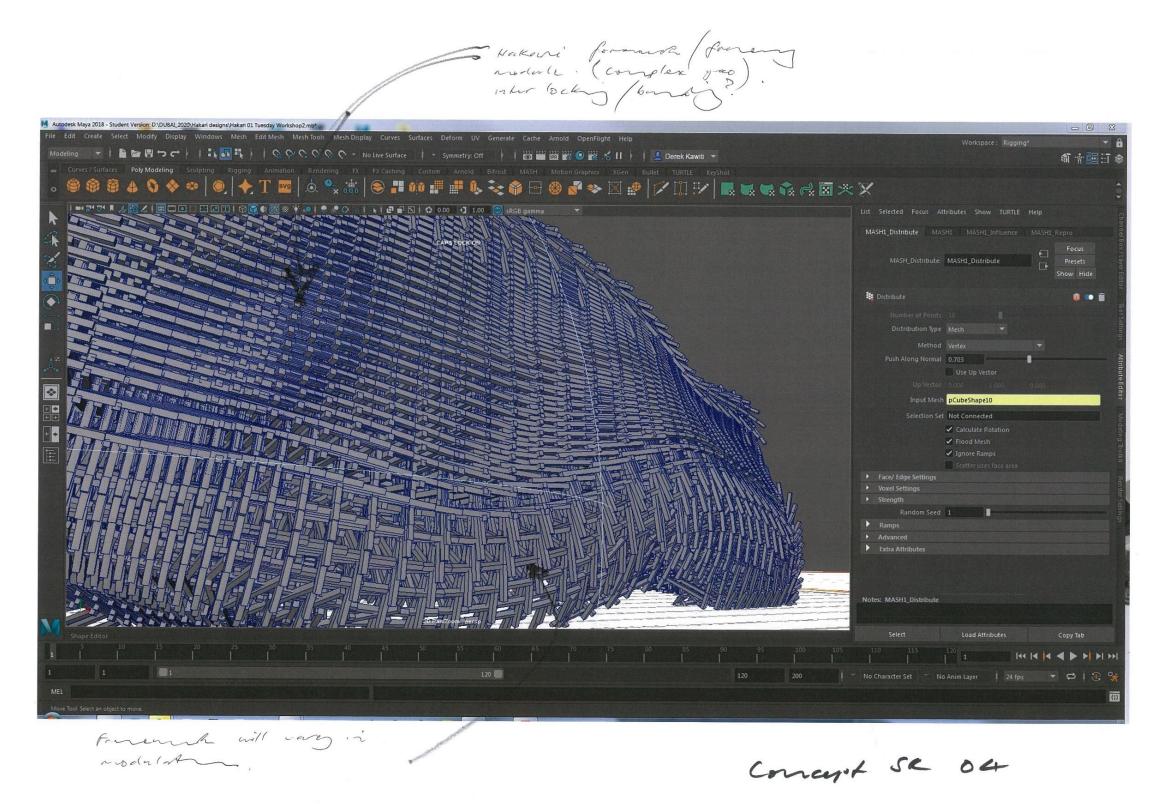


FORENSIC RECOLONISATION MODULATION; HAKARI STAGES. Guy Newton/ Derek Kawiti: Development of historic typologies, structures through performative investigations. Digitisation and prototyping with further formal structural generation. Collaborative project on a proposal for CHCH CBD.





Digital re generation, procedural modulation of Hakari structural module and deployment..



FORENSIC RECOLONISATION MODULATION; HAKARI STAGES. Guy Newton/ Derek Kawiti: Development of historic typologies, structures through performative investigations. Digitisation and prototyping with further formal structural generation. Collaborative project on a proposal for CHCH CBD.



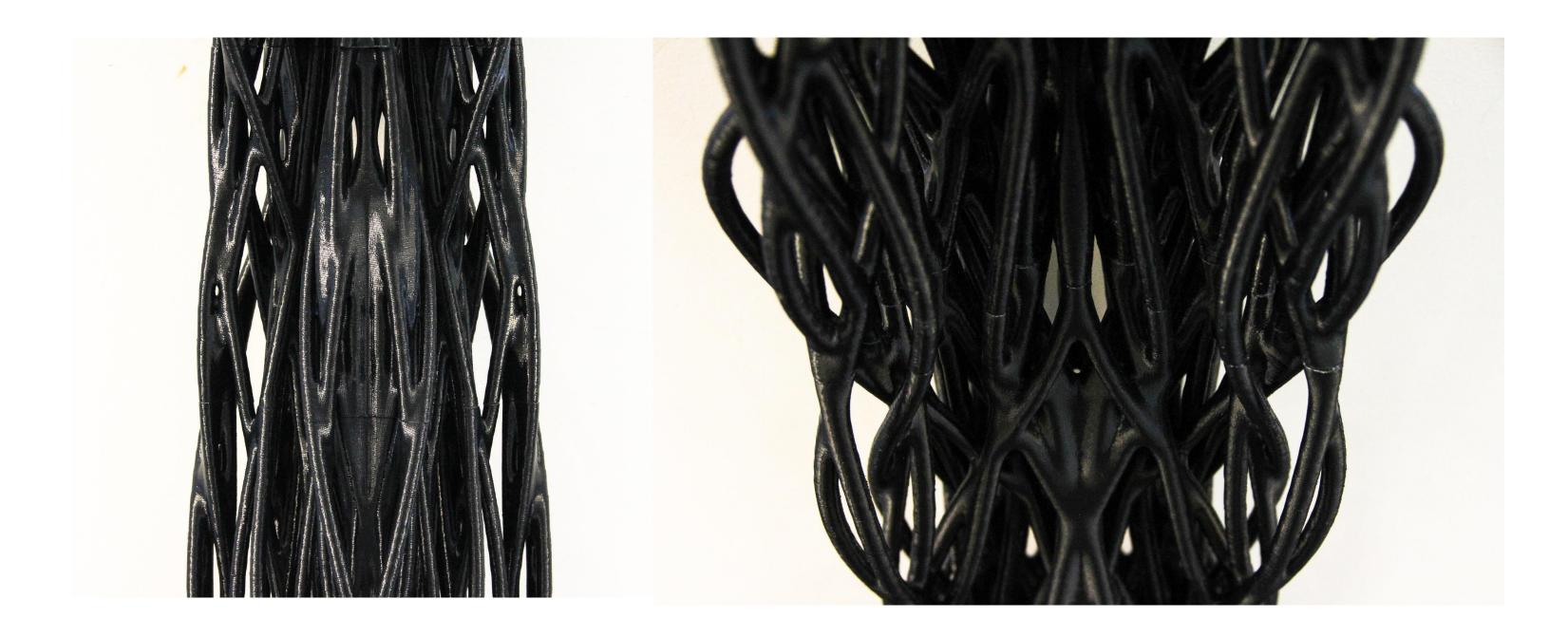
SITUA/ TECTONIC RE-ENGINEERING

Research Sphere 4 NGA ATUA - RUAUMOKO

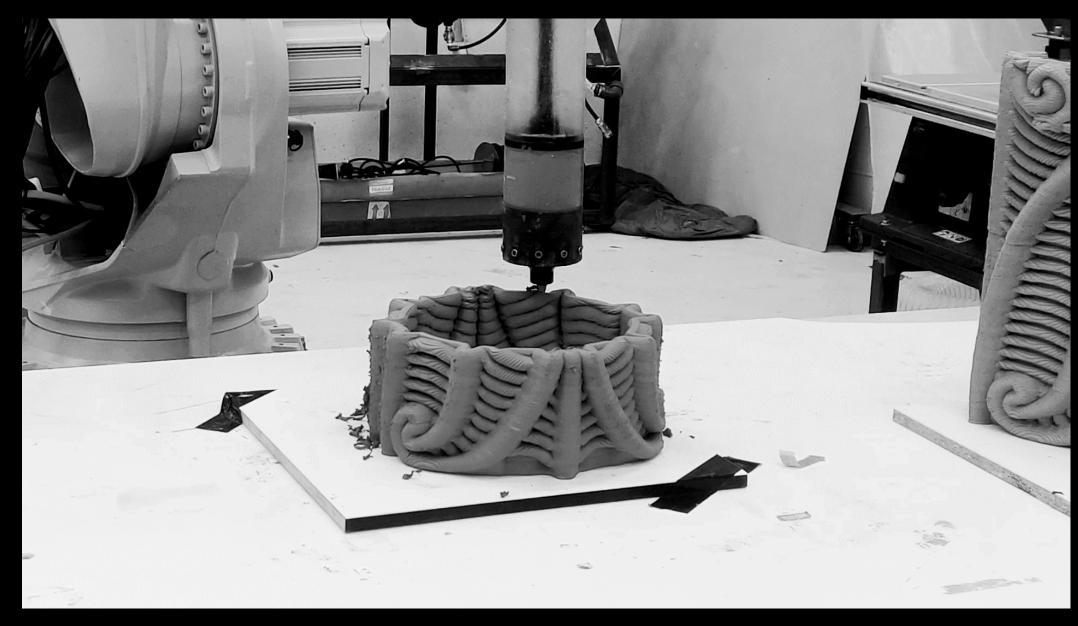
Tectonic re engineering/ High pressure ground grouting

SITUA/ TECTONIC RE-ENGINEERING

Research Sphere 4
Tectonic re engineering/ High pressure ground grouting

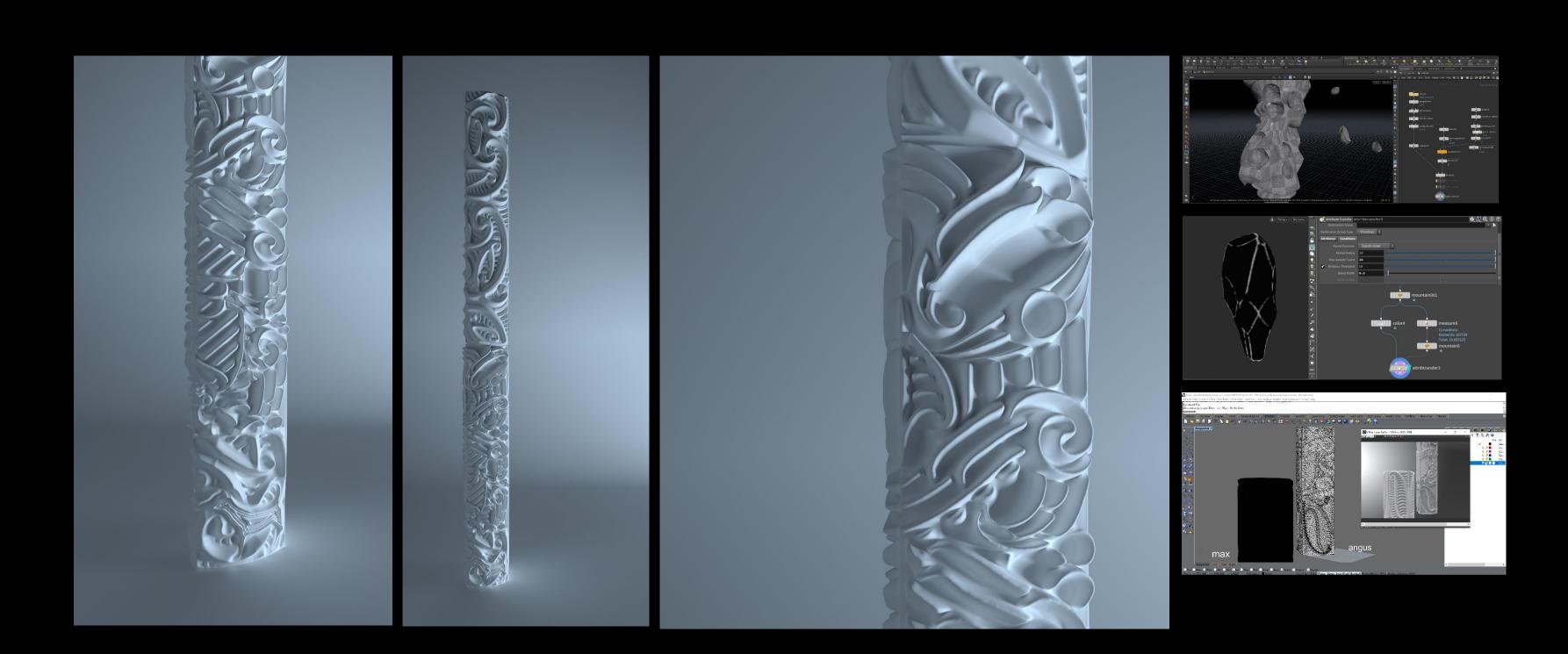


Tyler Harlen/ Derek Kawiti/Huhana Smith/ Ngati Tukorehe: High Pressure Injected Structures run through 3 scenarios:
Sandhill coastal erosion mitigation, Post Disaster scaffold, small scale foundation system. Small scale prototyping in the use of Anenome for GH/RH. Currently under 1:100 scale moving to 1:5 then to 1:1





SITUA/ CILOARC - ALLAN WIHONGI / Derek Kawiti/ ANGUS HORNE/ 3D Robotic Clay Printing
Revitalisation via robotic augmentation, sustainable practices in material exploration. Work undertaken for Te Parahirahi Trust, NGAWHA WAIARIKI. 2020 - 2022





entertainment

arts

World's largest 3D printed sculpture finally installed in Rotorua

Benn Bathgate • 11:06, Sep 12 2020









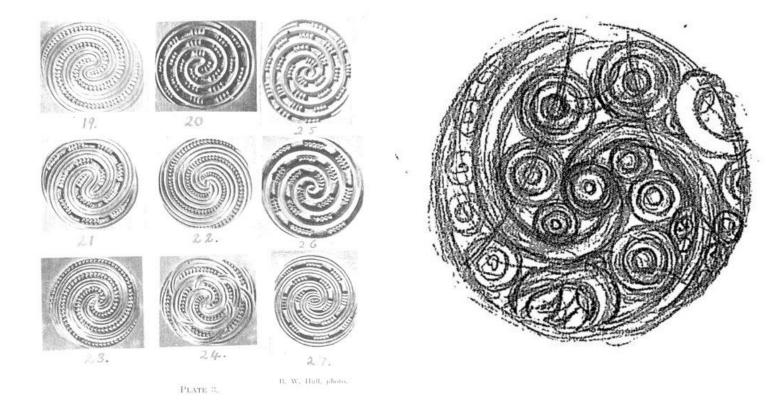


BENN BATHGATE/STUF

More than three years after its original installation date the Hemo Gorge sculpture, Te Ahi Tupau, is finally in place

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Rotorua's Hemo Gorge sculpture, the largest 3D printed sculpture in the world, has finally been helicoptered into place more than

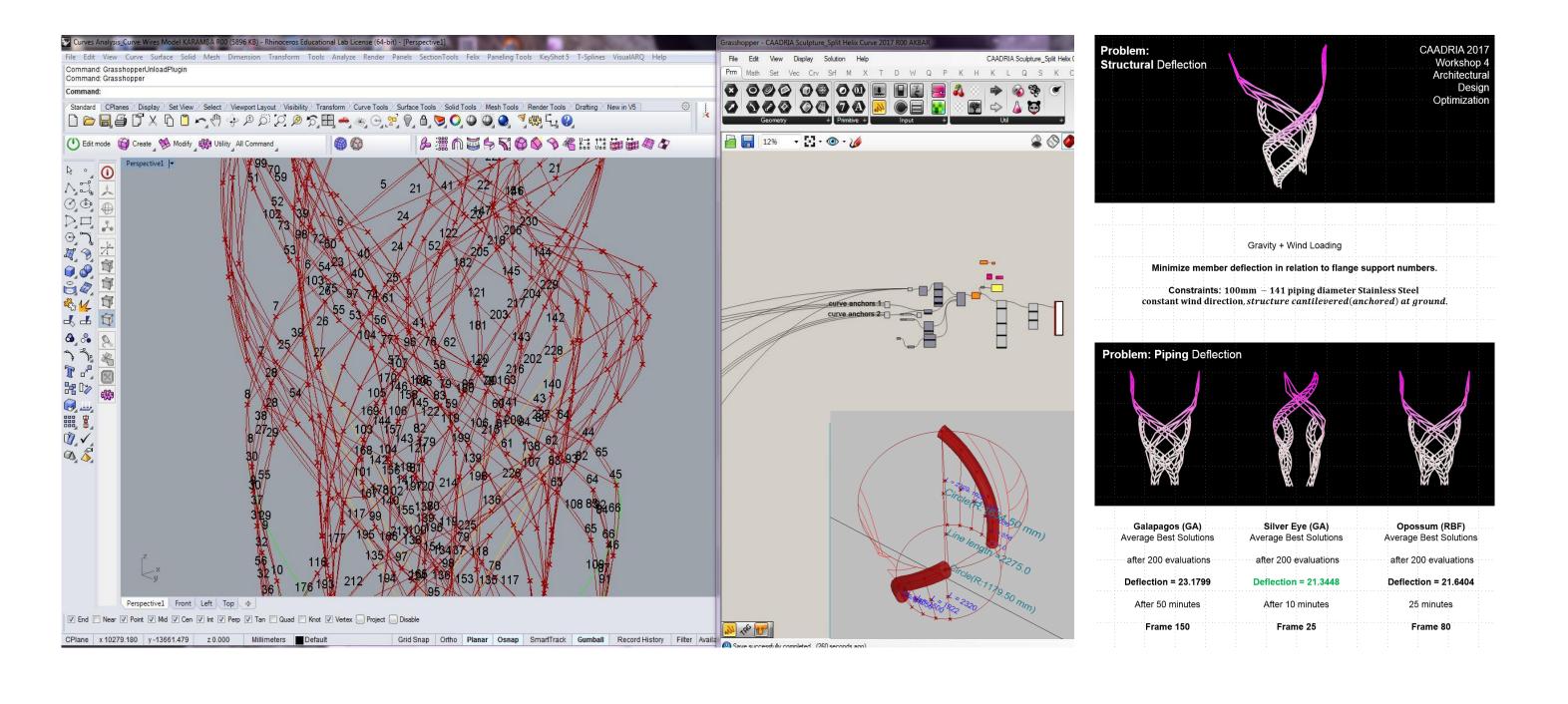










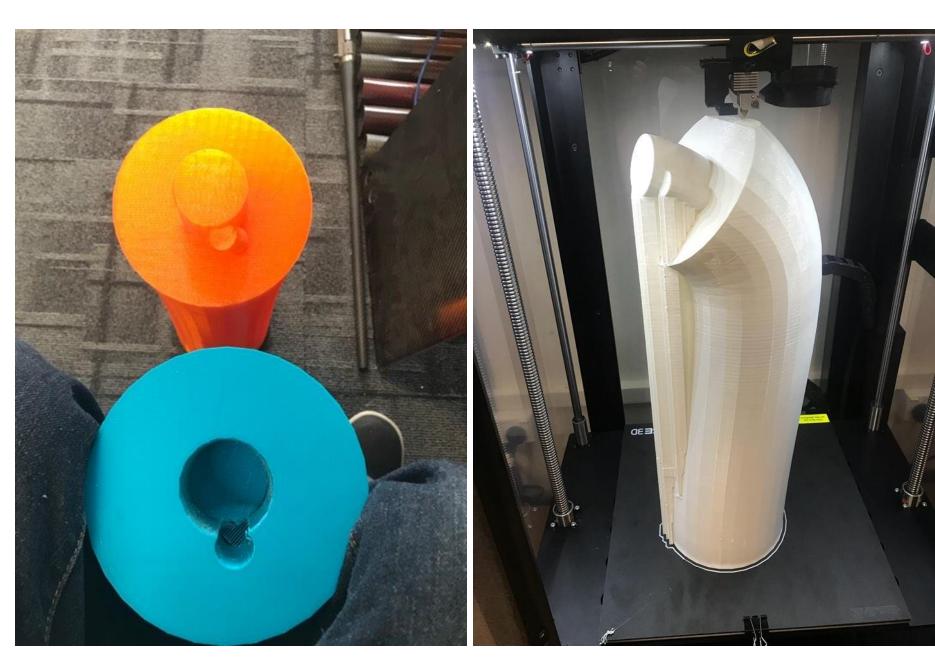












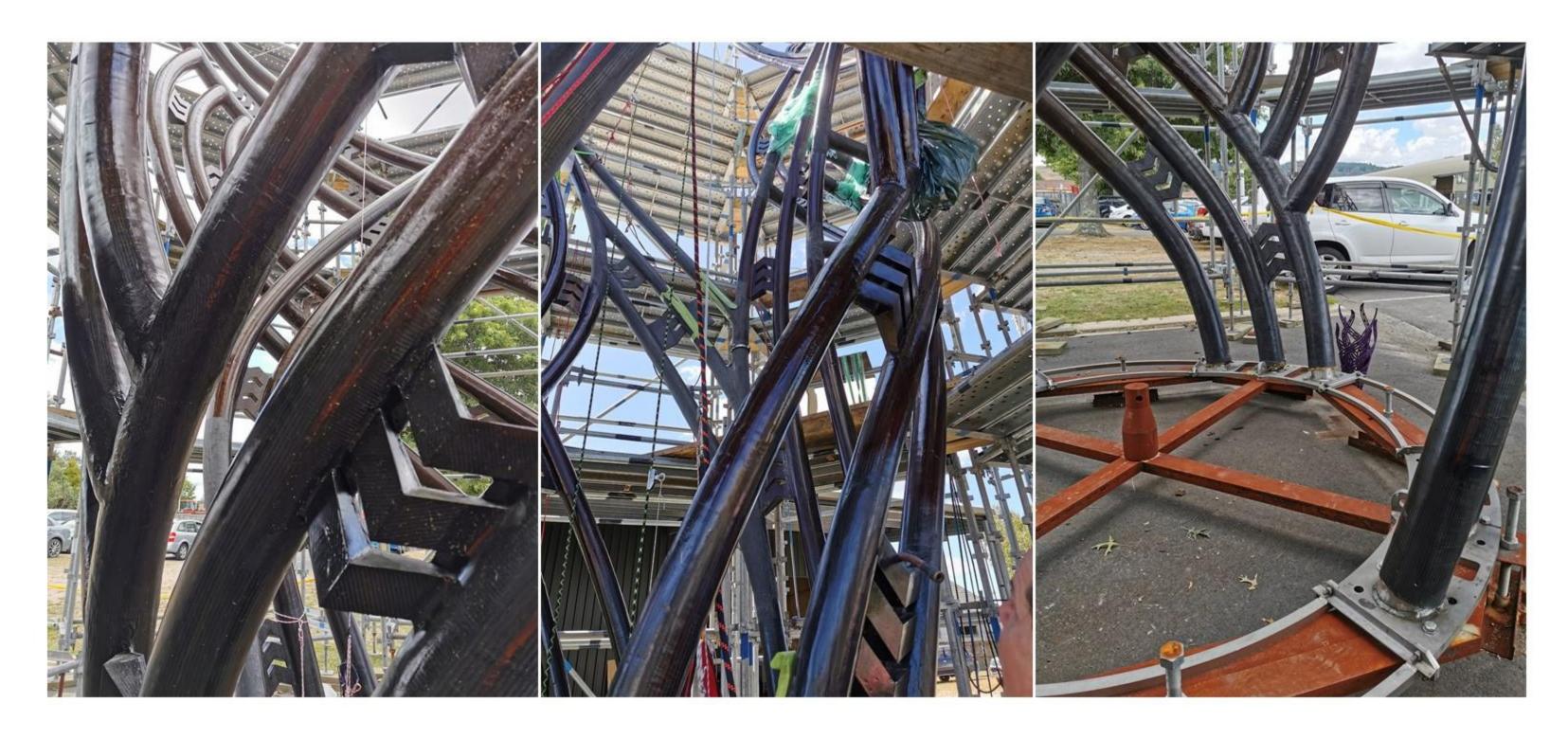








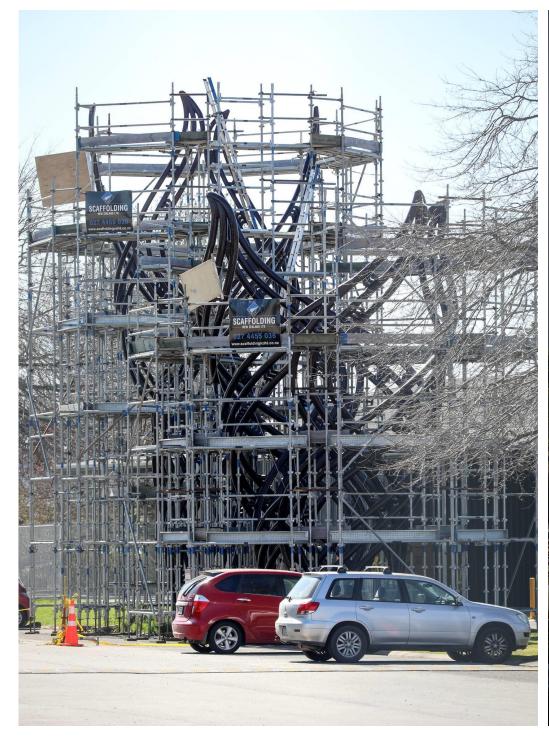




"Technological Mis-alignments: re-aligning fabrication and materials with cultural complexity."

Hemo Rd. Sculpture 'Te Ahi Tupua' Project Leads://Stacy Gordine/Derek Kawiti/Nick Dallimore New Zealand Maori Arts and Crafts Institute, Te Puia Rotorua // GURIT/ Opus Engineering// Kilwell Fiber tube Ltd.

// CURRENT MODEL TO FABRICATION
Model sectional cut
164 Curves + Pipe Sections





Hemo Rd Sculpture Project Rhinoceros/ Grasshopper Parametric Model. Structurally Optimised piping – Maori Geometries Analysis/ CILOARC

Project Leads://Derek Kawiti (CILOARC) Stacy Gordine, New Zealand Maori Arts and Crafts Institute, Te Puia Rotorua // OPUS Engineering// Project Manager Marc Spikerbosch & Nick Dallimore //





Paihau—Robinson Research Institute

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Material science

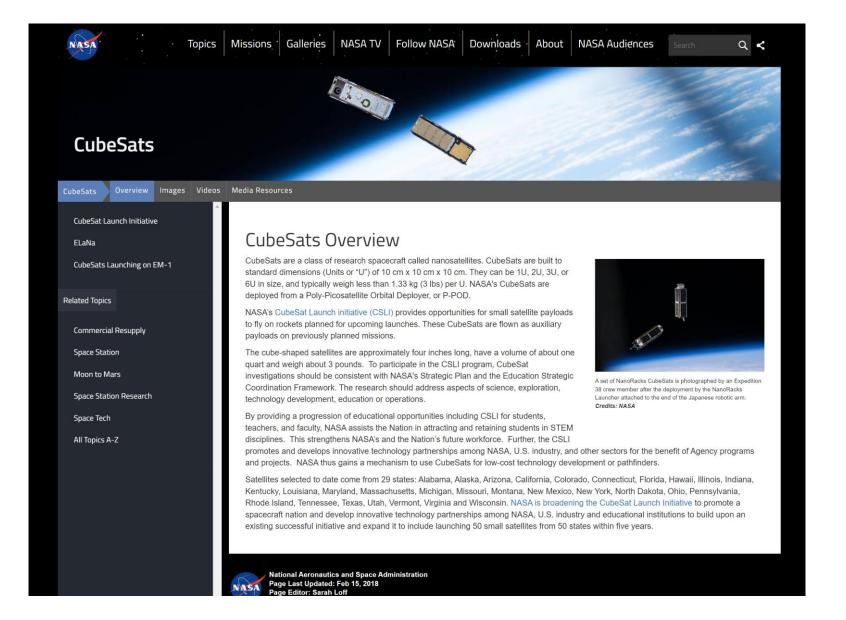
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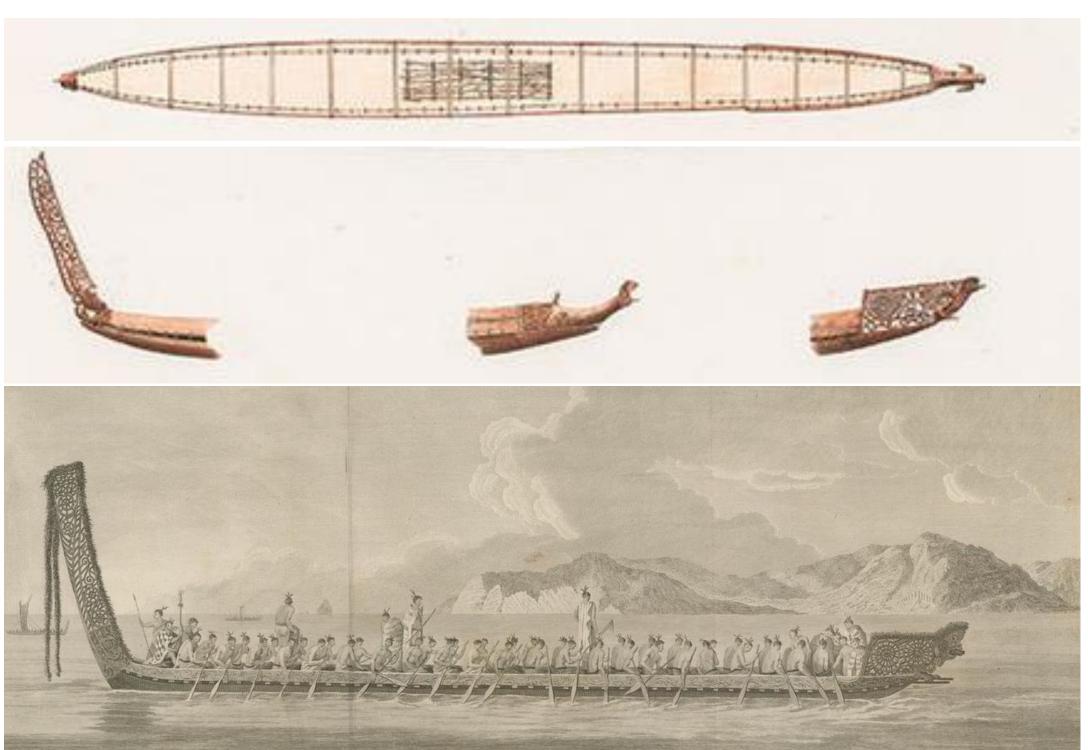
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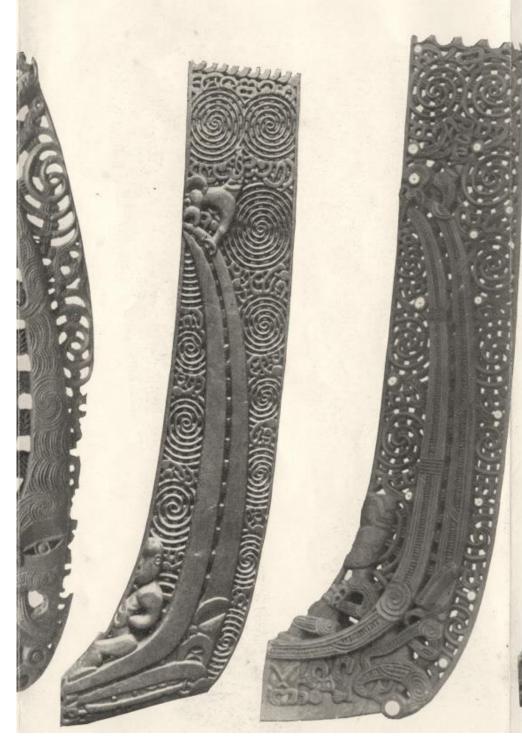
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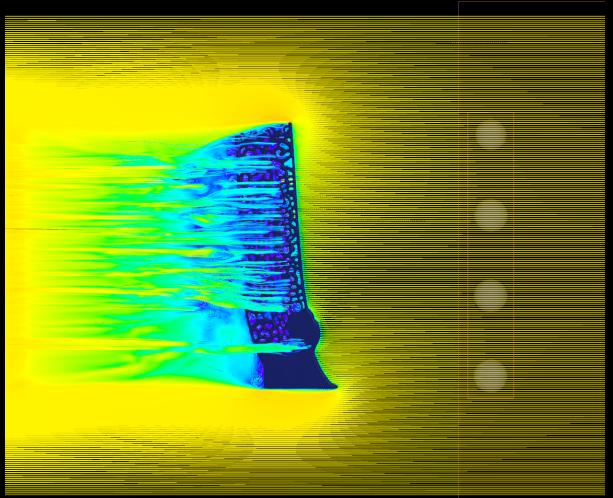


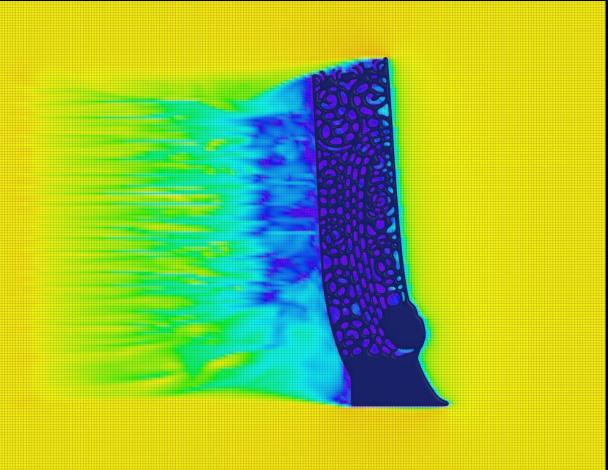
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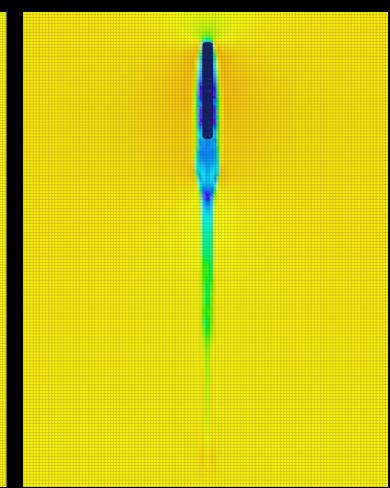
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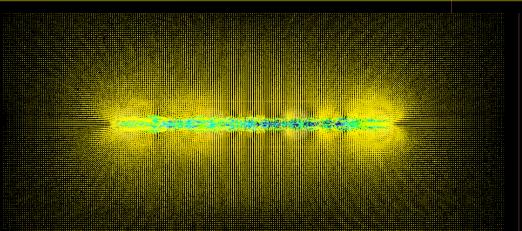












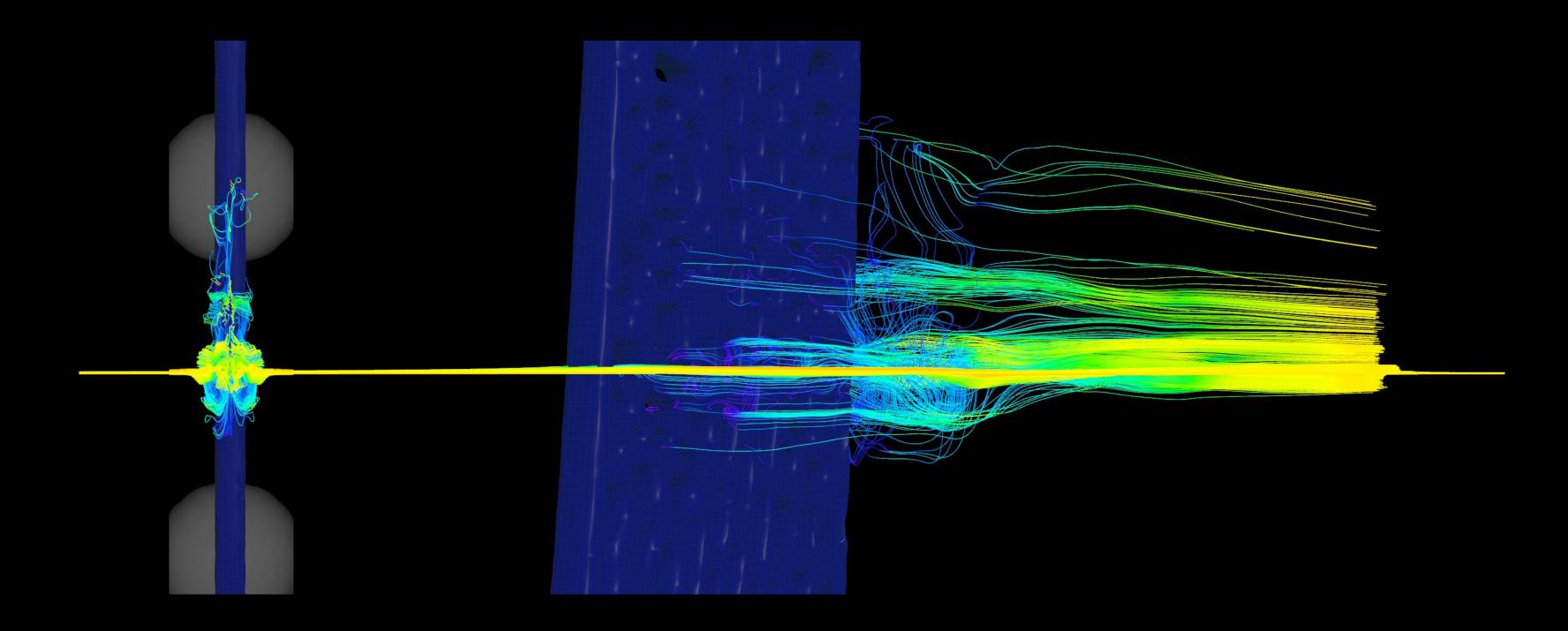


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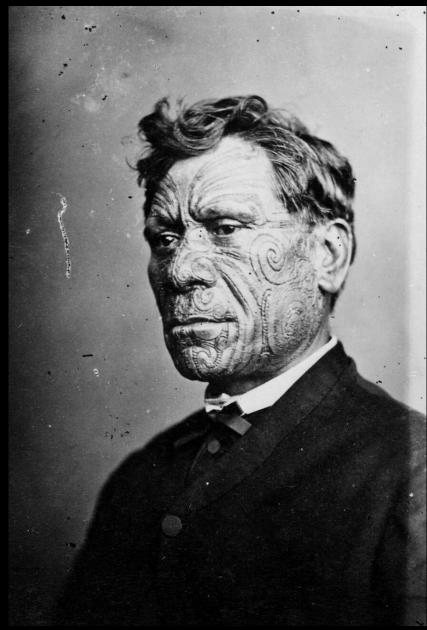
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Te Ruki Kawiti (The Duke) 1770 - 1854



Te Kuhanga Maihi Kawiti 1807 - 1889

