

• **TD TUTORIALS 2020-21**

<https://derivative.ca/tutorials?page=1>

<https://www.youtube.com/channel/UCbgFCfj0vp-nNGQ4hT5uEAg>

<https://www.youtube.com/user/raganmd>

<https://www.youtube.com/channel/UCONptu0J1PCrW9YfBtSdqjA>

<https://www.youtube.com/channel/UCrDw12uy7xq1-b-aL1UZ2qg>

https://www.youtube.com/channel/UC8IhlQhenlJDjWAj7QJqy_Q

<https://www.youtube.com/channel/UC6xZcH-Px0xNu1FFuXmrG5A>

<https://www.youtube.com/user/MMckellar92>

<https://www.youtube.com/channel/UCSEsok1iU9ewEebdMAJmMVw>

<https://vimeo.com/search?q=touchdesigner+tutorial>

<https://www.youtube.com/user/vinzh9>

<https://www.youtube.com/user/paketa12>

<https://www.youtube.com/user/cutmod>

Introduction to TouchDesigner

<https://vimeo.com/channels/845218>

https://www.derivative.ca/wiki099/index.php?title=Category:Tutorials#User-Contributed_Tutorials

https://www.derivative.ca/wiki099/index.php?title=Learning_TouchDesigner

http://www.derivative.ca/wiki088/index.php?title=Sweet_16_CHOPs_Vid

https://www.youtube.com/watch?time_continue=1175&v=wmM1lCWtn6o

<http://book.nvoid.com/>

<https://matthewragan.com/teaching-resources/touchdesigner/>

<http://www.derivative.ca/forum/>

<https://en.wikipedia.org/wiki/TouchDesigner>

<https://matthewragan.com/make-some-noise-sf-2017-touchdesigner/>

<https://www.youtube.com/watch?v=Iw19U6YGPxQ>

<https://www.derivative.ca/Education/WorkshopVideoPrograms.asp>

<https://www.derivative.ca/Education/BestWorkshopVideos088/>

<https://vimeo.com/search?q=touchdesigner+tutorial>

<https://vimeo.com/search?q=touchdesigner+>

- **MOVIE (VIDEOS) (διαχείριση video στο TD)**

TOPs Part 1 – TouchDesigner Beginner Course

https://www.youtube.com/watch?v=gVAPBqdUcgs&ab_channel=bileamtschepe

TOPs Part 2 – TouchDesigner Beginner Course

https://www.youtube.com/watch?v=DzD2ilLO-9Q&ab_channel=bileamtschepe

Movie Playback Techniques

<http://www.derivative.ca/Events/2012/MUTEKWorkshop/>

export a movie

<https://www.youtube.com/watch?v=LcuI5uJAtyU>

Recording Movies with Audio

https://www.derivative.ca/wiki088/index.php?title=Recording_Movies_with_Audio

- **TD – GEOMETRY**

https://www.youtube.com/results?search_query=instancing+in+touch+designer

Texture Instancing

<https://matthewragan.com/2015/03/31/thp-494-598-texture-instancing-touchdesigner/>

make some noise - mathew ragan

<https://www.youtube.com/watch?v=-H0tSrxjSZU>

Advanced Instancing | Pixel Mapping Geometry

<https://matthewragan.com/2015/08/18/advanced-instancing-pixel-mapping-geometry-touchdesigner/>

generative design-noise (geo instances)

<https://www.youtube.com/watch?v=S1an3COD5Ak>

Generative Design - Shape

<https://www.youtube.com/watch?v=wubew8E4rZg>

Instancing, Optimizing, Inter-Process and Q&A | Day 2 Part 6 with Steve Mason

<http://www.derivative.ca/Events/2012/MUTEKWorkshop/>

Advanced Instancing | Instancing with the Animation COMP

<https://matthewragan.com/2015/08/24/advanced-instancing-instancing-with-the-animation-comp-touchdesigner/>

create geometry from an image

<https://matthewragan.com/2014/04/27/inspired-by-rutt-etra-touchdesigner/>

Instant Instancing

<https://matthewragan.com/2014/04/23/instant-instancing-touchdesigner/>

rendering

<https://matthewragan.com/2014/06/24/rendering-touchdesigner/>

Geometric Landscapes

<https://matthewragan.com/2014/05/16/geometric-landscapes-touchdesigner/>

PARTICLES

<https://www.youtube.com/watch?v=sc66u8N7UpE>

Tutorial Particle part 1

<https://www.youtube.com/watch?v=AmcxBgvGDAo>

Tutorial Particle part 2

https://www.youtube.com/watch?v=zgDV3_o8Or4

Tutorial Particle part 3

particles

<https://www.youtube.com/watch?v=EY20gp-xZuY>

<https://www.youtube.com/watch?v=RbBzdBTLOvg>

https://www.youtube.com/watch?v=M8X_FFB-ikQ

TouchDesigner Particle Tutorial

<https://www.youtube.com/watch?v=8Tn3z2VDAo8>

Particles and the Animation COMP

<https://matthewragan.com/2015/05/08/thp-494-598-particles-and-the-animation-comp-touchdesigner/>

TEXTURE AND MAPPING

UV Mapping and Importing Animations to TouchDesigner

<https://www.youtube.com/watch?v=N0jSb6SD8J0>

UVs

<https://www.derivative.ca/forum/viewtopic.php?f=27&t=4878>

<https://nvoid.gitbooks.io/introduction-to-touchdesigner/content/MATs/8-3-UV-Maps.html>

Realistic Textures in TouchDesigner

<https://www.youtube.com/watch?v=P2PRFEAPpIU>

SOPs and Shading (English)

<https://www.youtube.com/watch?v=f-9dumsikrQ>

Lineas interactivas - Touchdesigner tutorial

<https://www.youtube.com/watch?v=QUBSNq1JT2c>

3d texture

<https://www.youtube.com/watch?v=Nu0wUKiDCtg>

https://www.youtube.com/watch?v=_JM3FRsD-oA

Touchdesigner Mandelbrot landscape --geometry instancing +bump

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=ztKo_DiFLvA&list=PL9NTJ2q5fY2vSaZi3GODAyUyuoc69I0-9)

[v=ztKo_DiFLvA&list=PL9NTJ2q5fY2vSaZi3GODAyUyuoc69I0-9](https://www.youtube.com/watch?v=ztKo_DiFLvA&list=PL9NTJ2q5fY2vSaZi3GODAyUyuoc69I0-9)

- **AUDIO REACTIVE**

[https://www.youtube.com/results?](https://www.youtube.com/results?search_query=AUDIO+REACTIVE+in+touch+designer)

[search_query=AUDIO+REACTIVE+in+touch+designer](https://www.youtube.com/results?search_query=AUDIO+REACTIVE+in+touch+designer)

<https://vimeo.com/15850663>

https://www.youtube.com/playlist?list=PL60ZR7mNoRm0Fko019G1KK_aGLVF1D_L1

<https://www.youtube.com/watch?v=K7fRKMCBnd0>

<https://www.youtube.com/watch?v=yyOe28GJdto>

<https://matthewragan.com/2015/03/29/ame-394-audio-analysis-touchdesigner/>

<https://www.youtube.com/watch?v=FG-w0VODxbE>

<https://www.youtube.com/watch?v=UwVYpJ-M2GI>

<https://www.youtube.com/watch?v=6usWWGqpCSg>

<https://www.youtube.com/watch?v=DQT0D5KFVso>

<https://www.youtube.com/watch?v=mRaNtxtQ9XA>

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=Z7be2ROpdAc&list=PL60ZR7mNoRm0Fko019G1KK_aGLVF1D_L1)

[v=Z7be2ROpdAc&list=PL60ZR7mNoRm0Fko019G1KK_aGLVF1D_L1](https://www.youtube.com/watch?v=Z7be2ROpdAc&list=PL60ZR7mNoRm0Fko019G1KK_aGLVF1D_L1)

http://www.derivative.ca/wiki088/index.php?title=AL_TD_next

<https://vimeo.com/113321699>

<https://www.derivative.ca/Forum/viewtopic.php?f=27&t=10352>

<https://www.youtube.com/watch?v=H-peppBDdTo&list=PLs0WIHa1rf208I8fyCNIuOtPBocQz8yd->

https://www.youtube.com/results?search_query=audio+reactive+parameters+in+touch+designer

audio CHOPS

https://www.youtube.com/watch?v=Iwl9U6YGPxQ&ab_channel=TouchDesigner

https://www.youtube.com/watch?v=OO_RUQ68q7A&ab_channel=bileamtschepe

<https://www.derivative.ca/Forum/viewtopic.php?f=27&t=9852>

https://docs.derivative.ca/Audio_Band_EQ_CHOP

__ audio pitch __

<https://www.derivative.ca/Forum/viewtopic.php?f=27&t=9852>

Audio Part 4 – Simple Metering

<https://matthewragan.com/2015/05/08/thp-494-598-audio-part-4-simple-metering-touchdesigner/>

<https://www.youtube.com/watch?v=yyOe28GJdto>

<https://www.youtube.com/watch?v=ct0KhIaEWZs>

<https://www.youtube.com/watch?v=P8Ucn7QQTPM>

Audio Analysis

<https://matthewragan.com/2015/03/29/ame-394-audio-analysis-touchdesigner/>

TOPOGRAPHY WAVE FORM VISUALization-SPECTROGRAPH TO GEO

<https://www.youtube.com/watch?v=6usWWGqpCSg>

Audio spectrum wave pinboard,

<http://www.derivative.ca/Education/BestWorkshopVideos088/>

Audio spectrum wave pinboard,

https://www.youtube.com/watch?v=PXDOES_p70

Audio Part 6 - Topography 1

<https://www.youtube.com/watch?v=UwVYpJ-M2GI>

Audio Part 7 - Topography 2

<https://www.youtube.com/watch?v=DQT0D5KfVso>

Audio Spectrum Geometry Instancing

<https://www.youtube.com/watch?v=mRaNtxtQ9XA>

Audio Spectrum Trail Heatmap

<https://www.youtube.com/results?>

- **3dsmax to touch designer**

<https://www.youtube.com/watch?v=KQ9x4VC1CQw>

<https://www.youtube.com/watch?v=P76ECNyfir4>

<https://www.youtube.com/watch?v=ShYYcr30vJw>

<https://www.youtube.com/watch?v=qnZx-aNf2y0>

3ds max to touch designer

<https://www.derivative.ca/Forum/viewtopic.php?f=27&t=11092>

<https://www.derivative.ca/Forum/viewtopic.php?f=27&t=9355>

<http://www.derivative.ca/Forum/viewtopic.php?f=4&t=4984>

<https://www.derivative.ca/forum/viewtopic.php?f=27&t=6677>

- **Projection Mapping**

projection mapping (various)

<https://vimeo.com/367917178>

https://www.youtube.com/watch?v=RmnhU6BHTXY&ab_channel=TouchDesigner

<http://www.derivative.ca/Events/2013/ResonateWorkshop>

/

<https://www.derivative.ca/Forum/viewtopic.php?f=22&t=9932&p=37698#p37679>

<https://docs.derivative.ca/Palette:kantanMapper>

<https://www.derivative.ca/Events/2015/MUTEK2015WorkshopVideos/>

<https://nanzhaodocumentations.wordpress.com/2018/06/21/touchdesignerlearning-experience-on-projection-mapping-w-3d-model-cam-schnappr-and-kantan-mapper/>

<https://www.youtube.com/watch?v=1QyFy6aJM4U>

<https://www.derivative.ca/forum/viewtopic.php?f=27&t=7885>

camera as device in

Live Camera as Mask

<https://matthewragan.com/2013/06/16/camera-as-mask-touchdesigner-2/>

tutorial on working web camera

https://www.youtube.com/watch?v=N_vWdWEiZWY

<https://www.youtube.com/watch?v=d3nu7HEl5fo>

- **TD – VR**

<http://www.derivative.ca/wiki088/index.php?title=OpenVR>

<https://www.derivative.ca/099/Features/VirtualReality.asp>

https://www.derivative.ca/wiki088/index.php?title=Oculus_Rift_TOP

https://www.derivative.ca/wiki088/index.php?title=Oculus_Rift_CHOP

<https://www.youtube.com/watch?v=qrzATLfyvr8>

- **GLSL**

Vincent Houze ----playlist

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=PVTZfDI6_OQ&list=PL2PEm1UGvz0K3hX5wQFEYOoNvpW4DWGOt)

[v=PVTZfDI6_OQ&list=PL2PEm1UGvz0K3hX5wQFEYOoNvpW4DWGOt](https://www.youtube.com/watch?v=PVTZfDI6_OQ&list=PL2PEm1UGvz0K3hX5wQFEYOoNvpW4DWGOt)

Introduction to GLSL - Markus Heckmann

<https://www.youtube.com/watch?v=FImSLtt4Ab4>

Touchdesigner - Shadertoy GLSL integration

<https://www.youtube.com/watch?v=2JDR5l5UjRU>

GLSL Fluids for Great Shader Success - Noah Norman

<https://www.youtube.com/watch?v=r-95jCflRSA>

Real-Time Photo Mosaic GLSL Shader (TouchDesigner)

<https://www.youtube.com/watch?v=BtUkUp0JtI4>

GLSL TOP Post Effects

<https://www.youtube.com/watch?v=RFomr3rVoBY>

Overview of GLSL, the OpenGL Shading Language

<https://www.youtube.com/watch?v=uOErsQljpHs>

- **TD+MIDI+ABLETON**

<https://www.youtube.com/watch?v=XLeghJmFBh0>

<https://www.derivative.ca/forum/viewtopic.php?f=27&t=1378>

http://www.derivative.ca/wiki088/index.php?title=MIDI_Device_Mapper_Dialog

<http://cdm.link/2012/07/fusing-sound-and-visuals-with-touchdesigner-and-ableton-one-behind-the-scenes-video/>

live performance-how to display output to 2nd monitor:

[Derivative • View topic - How to display output on second monitor?](#)

- **OSC**

https://www.youtube.com/watch?v=RqZfEz4F5FU&feature=youtu.be&fbclid=IwAR09hUe_1ECKKW2XgPDSNgipAjYY14QwLbjJB6UFB3STuUwcfIAWsOgLIBU&ab_channel=ManuelMitasch

https://www.youtube.com/watch?v=zvJrFqeKOHA&feature=youtu.be&fbclid=IwAR3q586jMl7RQxU0Ybs9kpP2OxvXIRen7NFkeQ6_BsY1QYUjjlxhJZ3dBWg

https://github.com/jonglissimo/td-osc-query-server?fbclid=IwAR3YYhtvdurxQawA-4LApmwyqNf86xeCdx_0vFS15yTqHd2TE1SW-t8cKU0

<https://derivative.ca/community-post/asset/osc-query-server-component?fbclid=IwAR1lwOWUFgPKMwi18cNiZyJ0FHPUiCoorl5i7qzocNCHkwxHb3Gql6UOKJ0>