PARTICLE SYSTEM



Co-funded by the European Union

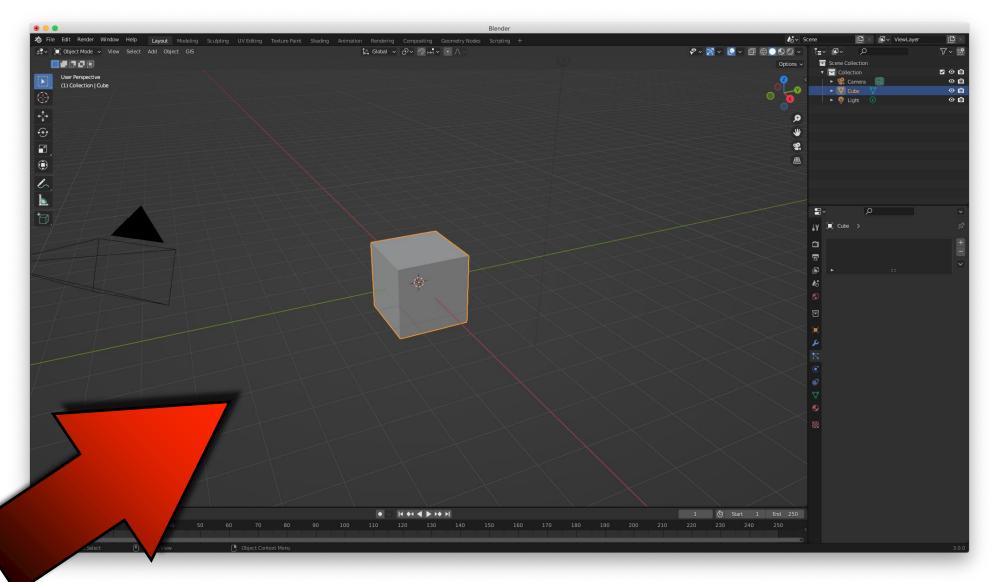


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JACEK KAWAŁEK



POWER OF AR AND VR START BLENDER

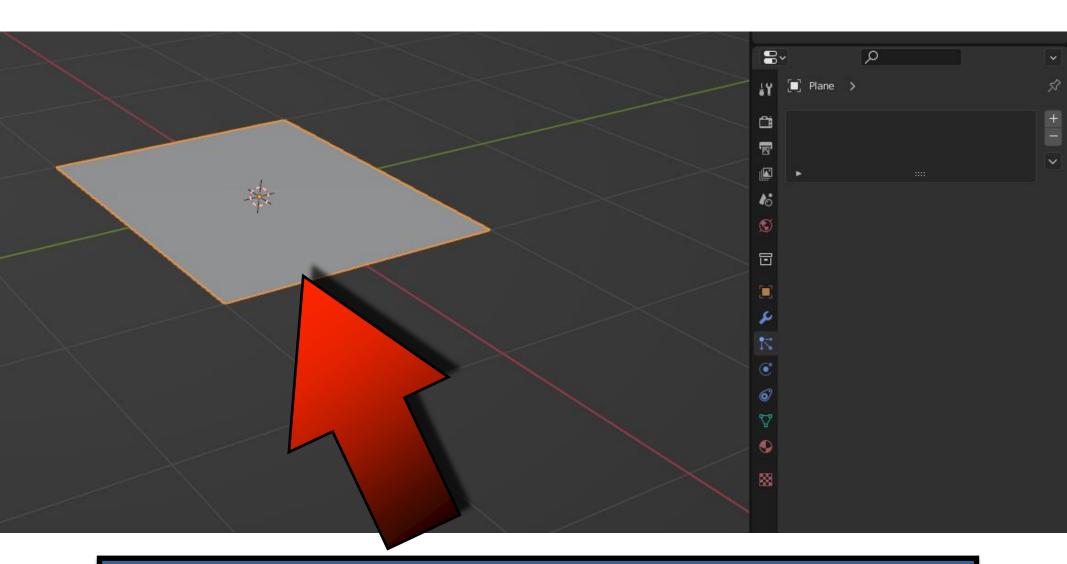






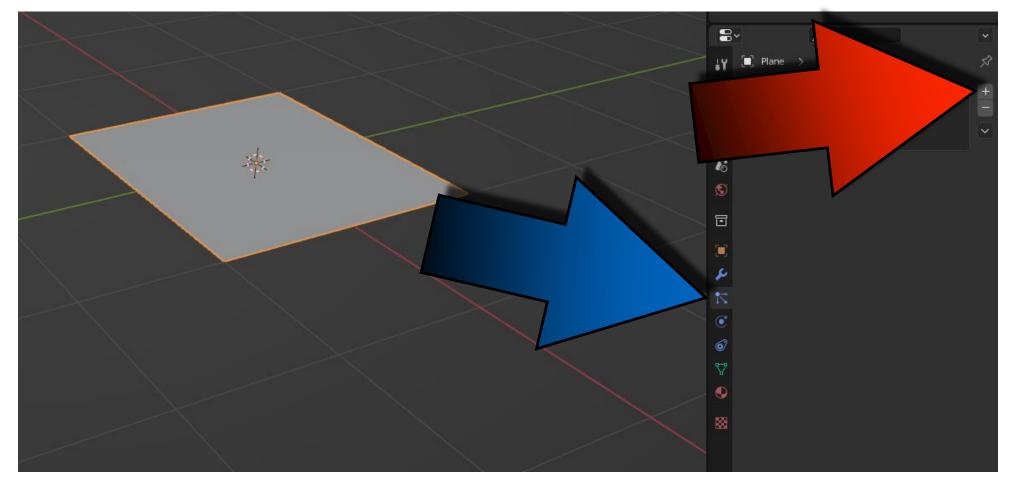


INSERT PLANE





BOWER OF AR AND VR GO TO PARTICLE SYSTEM AND CLICK IN +







PRESS THE SPACEBAR AND SEE THE ANIMATION

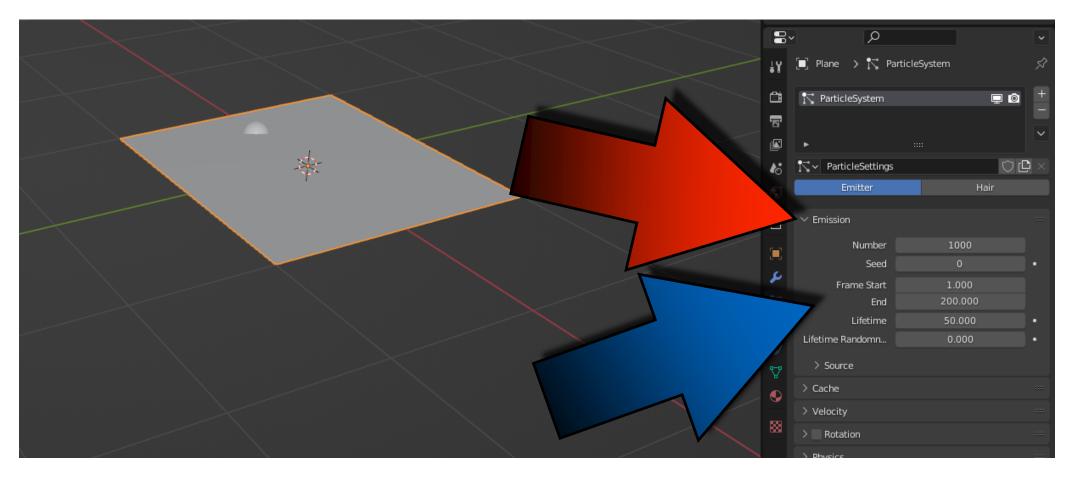
YouTube

https://youtube.com/shorts/eDceRbeUMC4?feature=share





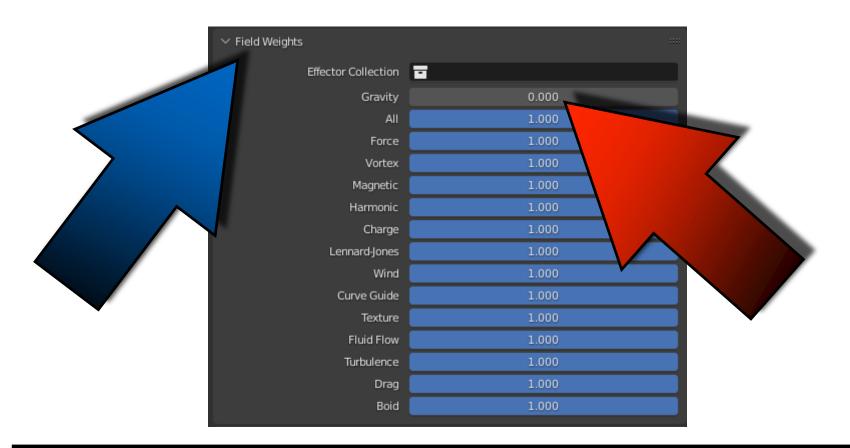
IN EMISSION WE CAN CHANGE THE PARAMETERS OF THE PARTICLES







GO TO FILED WEIGHT AND CHANGE GRAVITY TO 0







PRESS THE SPACEBAR AND SEE THE ANIMATION

YouTube

https://youtube.com/shorts/M3k9OiVR5Fk





IN VELOCITY RANDOMIZE SET TO 1

\sim Velocity			::::
	Normal	1.000	•
	Tangent	0.00	•
	Tangent Phase	0.000	•
	Object Aligned X	0.000	•
	Y	0.000	•
	z	0.000	•
	Object Velocity	0.000	•
	Randomize	1.000	•





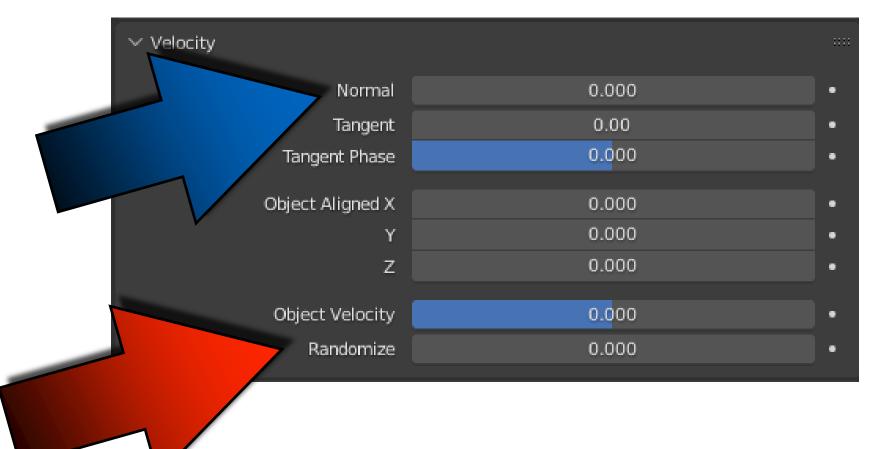
PRESS THE SPACEBAR AND SEE THE ANIMATION

YouTube

https://youtube.com/shorts/5olpm_1cn2s?feature=share









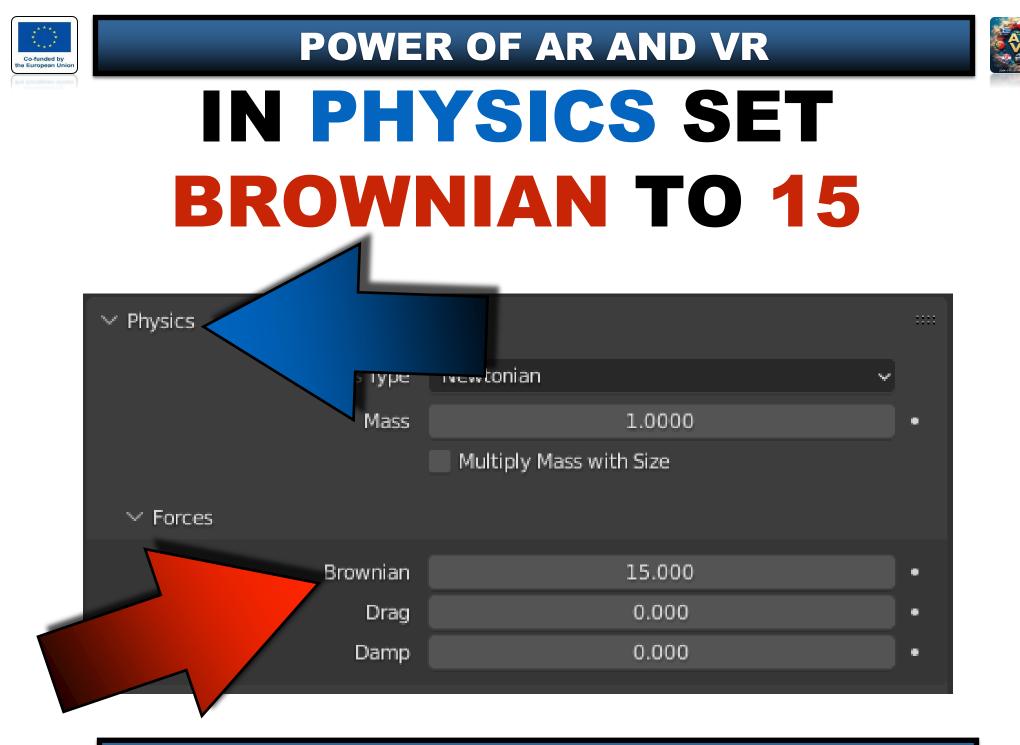




PRESS THE SPACEBAR AND SEE THE ANIMATION

YouTube

https://youtu.be/SL4Ee6f9wsg







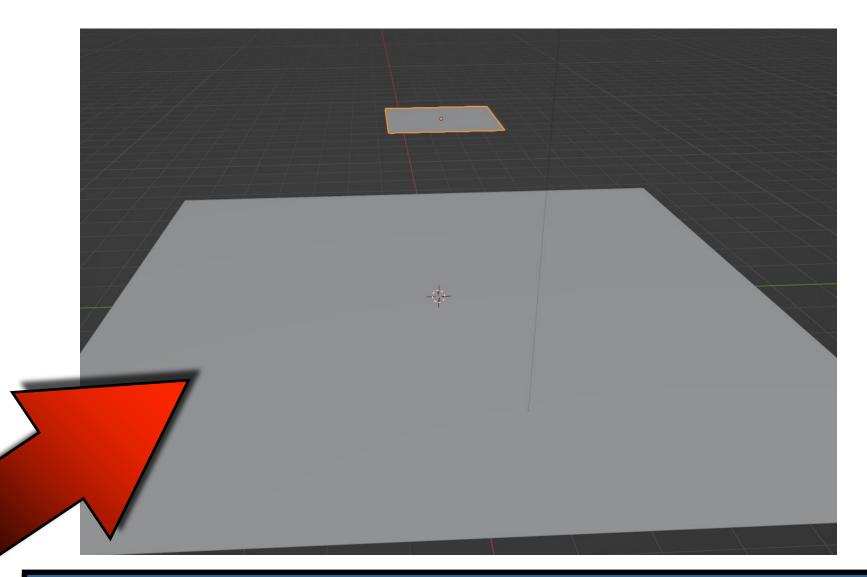
PRESS THE SPACEBAR AND SEE THE ANIMATION

YouTube

https://youtu.be/XiQ99ZLVjBA



POWER OF AR AND VR OPEN A NEW BLENDER AND INSERT TWO PLANES AS ON A SCREEN







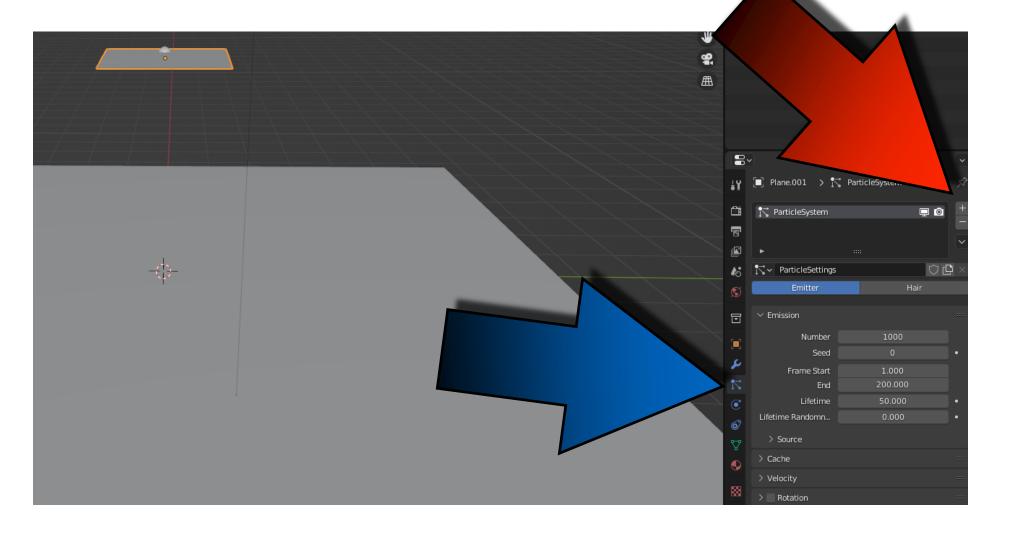
FOR LOWER TURN ON COLLISION

			- W	
8.	<u>م</u>			*
ł¥	🗐 Plane			Ń
ĉi l	💥 Force Field	R	Soft Body	
	× Collision	0	Fluid	
N'	岱 Cloth	M	Rigid Body	
	꼊 🛛 Dynamic Paint	Ŧ	Rigid Body Const	raint
6	✓ Collision			
Ø	Field Absorption		0.00	•
J	∨ Particle			
	Permeability		0.000	•
2	Stickiness		0.000	•
7		Kill Parti	cles	•
	Damping		0.000	•
۲	Randomize	1	0.000	•
6	Friction		0.000	•
₽	Randomize		0.000	•
	✓ Softbody & Cloth			





FOR THE UPPER PARTICLE SYSTEM







PRESS THE SPACEBAR AND SEE THE ANIMATION

YouTube

https://youtu.be/SlohDVKPvbY





FOR LOWER PLANE SETDAMPING TO 0.6FRICTION TO 02

*¥	🗐 Plane		\$
	➢ Force Field X Collision ☆ Cloth	Image: Constraint of the sector of the se	
₩ *6 ©	 Ö Dynamic Paint Collision 	पु Rigid Body Constra	raint
	Field Absorption ✓ Particle	0.00	
	Permeability Stickiness	0.000 Kill Particles 0.600	
	Damping Randomize Friction Randomize	0.000 0.200 0.000	
 ♥ ♥ 	✓ Softbody & Cloth		
88	Damping Thickness Outer Inner	0.100 0.020 0.200	:
	Friction	5.000 Single Sided Override Normals	:





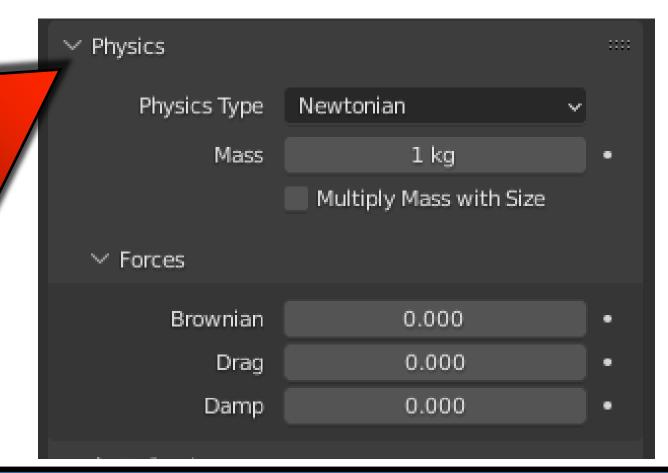
PRESS THE SPACEBAR AND SEE THE ANIMATION

YouTube

https://youtu.be/yGaqh4dvwtA



POWER OF AR AND VR FOR UPPER PLANE GO TO PHYSICS









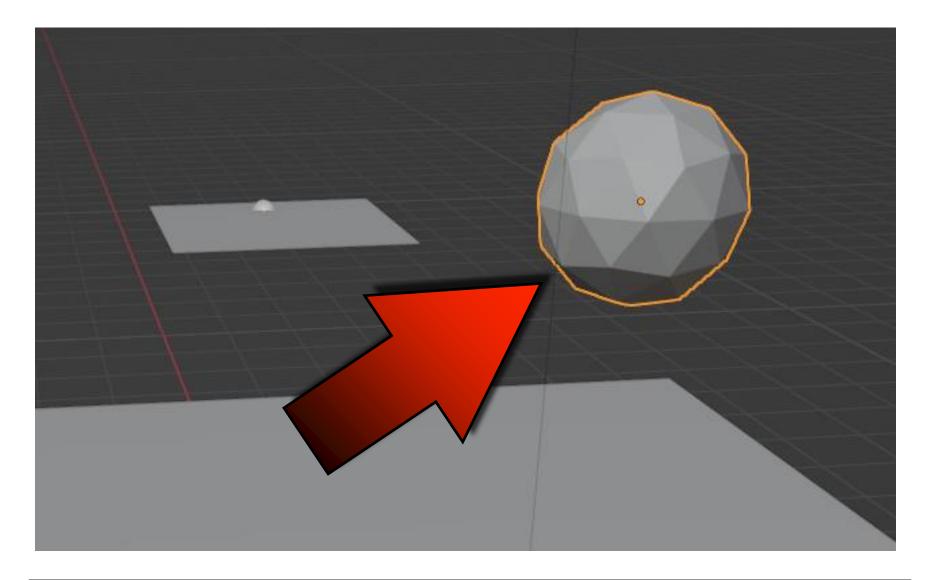
CHANGE NEWTONIAN TO FLUID

\sim Physics				
Physics Type	Newtonian 🗸 🗸 🗸			
	None			
	Newtonian			
	Keyed			
	Boids			
Brownian	Fluid	•		
	Physics Type	•		
q		•		
PARTICLES WILL HAVE				
A TREN	DS TO FOLLO	W LIQUID		



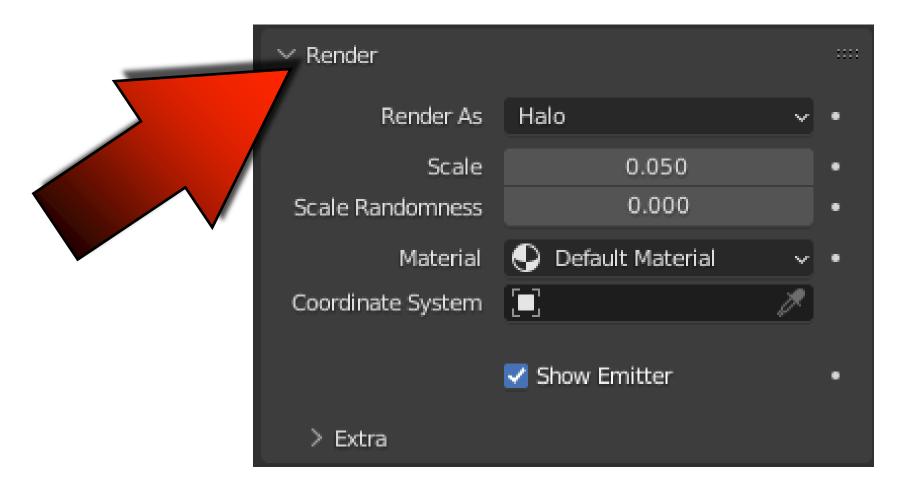


LET'S ADD ICO SPHERE







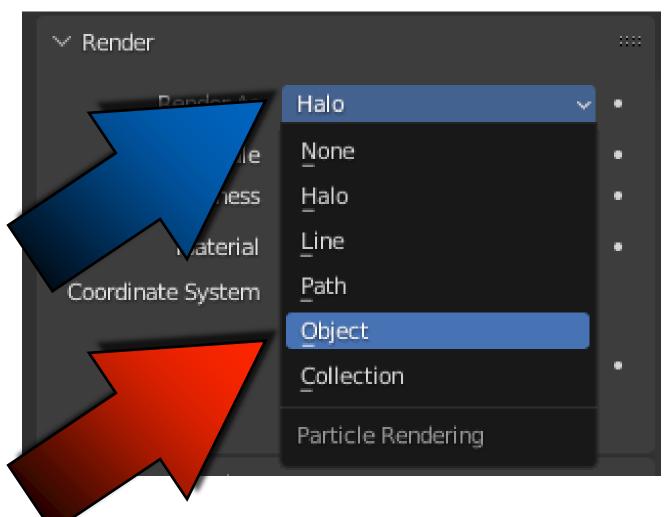








CHANGE HALO TO OBJECT







THEN CHOOSE ICOSPHERE

1	∨ Render		
۲	Kender As	Object	· ·
6	Scale	0.050	•
\$ 7	Scale Randomness	0.000	•
•		🗹 Show Emitter	
8	∨ Object		
	Instance Object		1
	Came	ra	
	Icosph	here	
	Light		
	> Extra		
	Plane.	001	





PRESS THE SPACEBAR AND SEE THE ANIMATION

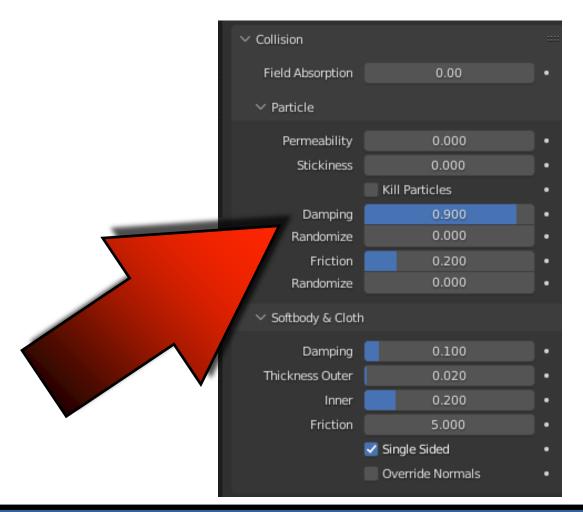
YouTube

NOW THE PARTICULARS WILL BE ICO SPHERA

https://youtu.be/aOiCcqxW-TU



FOR LOWER OF AR AND VR FOR LOWER PLANE CHANGE DAMPING TO 0.9







PRESS THE SPACEBAR AND SEE THE ANIMATION

YouTube

WE OBTAIN THE EFFECT OF COMBINING PARTICLES AS IN LIQUIDS

https://youtu.be/IRo2L5wJGLE





THERE MAY BE SEVERAL SOURCES OF PARTICLES

YouTube

https://youtu.be/Qf1P6JgnEcM





WE CAN SIMULATE A FLIGHT OF INSECTS

YouTube

https://youtu.be/aIM0GwKryY8





IN CREATING ANIMATION WE ARE LIMITED ONLY BY IMAGINATION

YouTube

https://youtu.be/7bvOPuCwF8A

THANK YOU FOR YOUR ATTENTION



Co-funded by the European Union



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JACEK KAWAŁEK