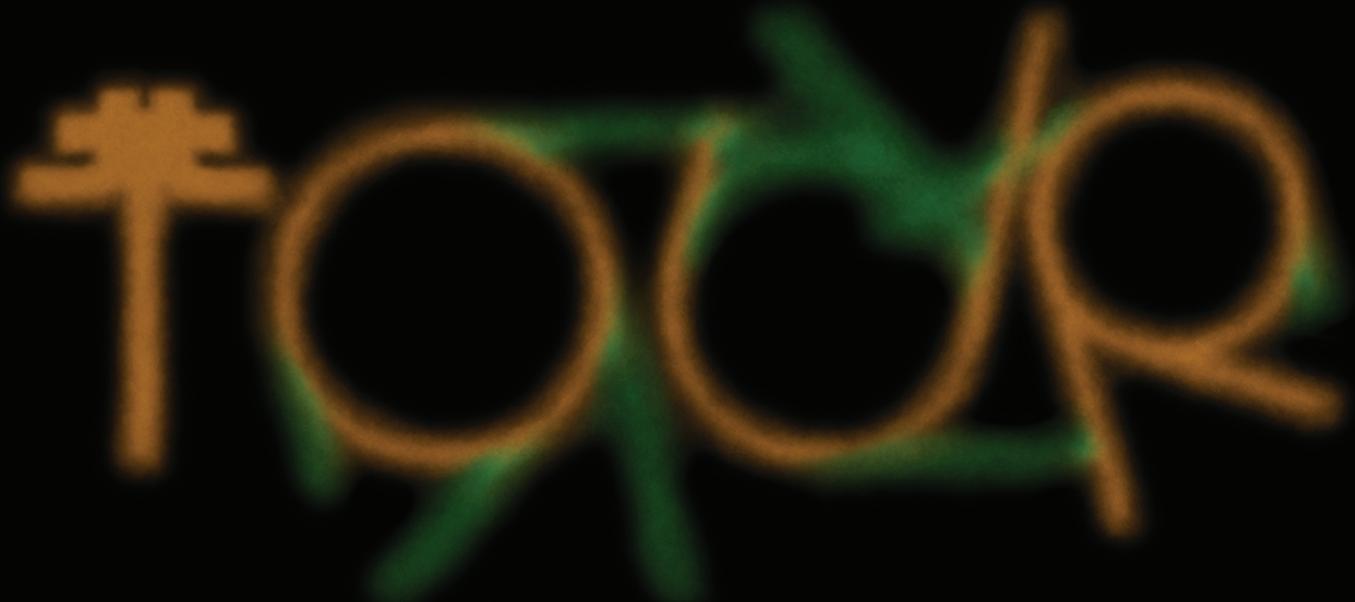


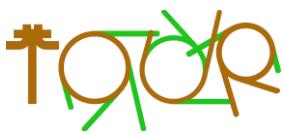
TOUR'S PROPOSAL



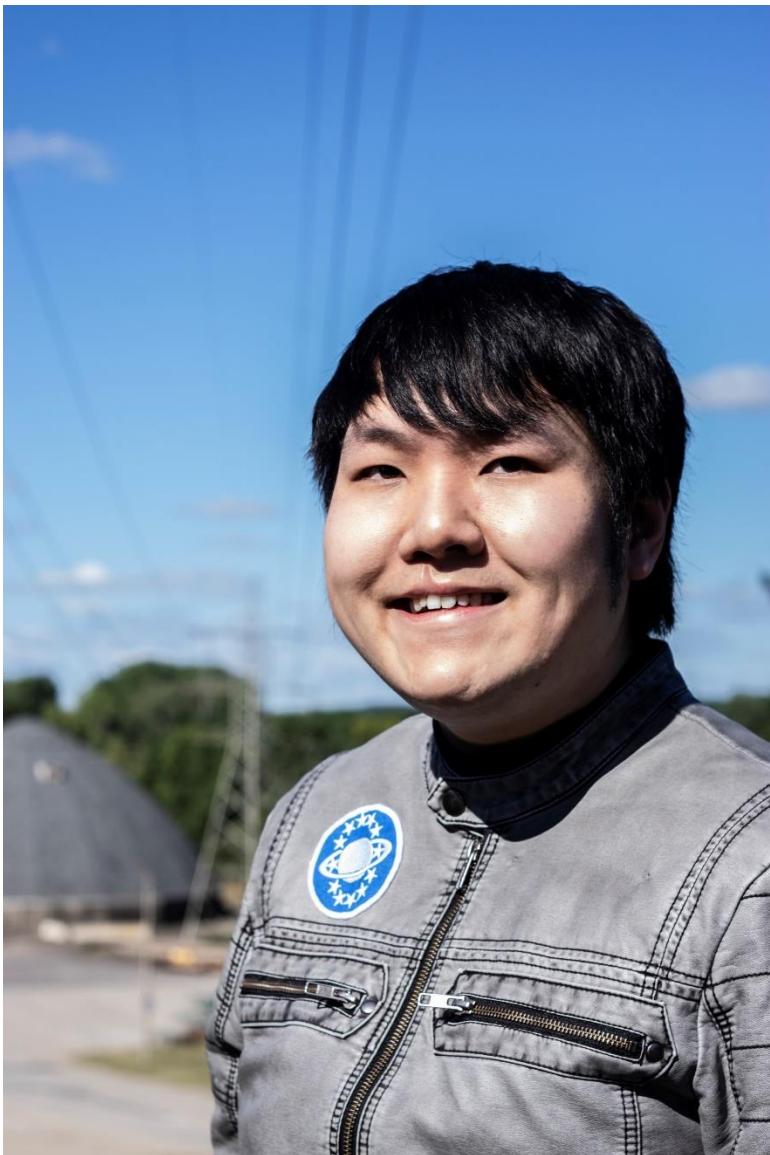
Book, Music, and Lyrics
DAVID QUANG PHAM

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DAVID QUANG PHAM



Born in Wyoming, Michigan, David Quang Pham is a science-based musical writer. He is the 2020-2021 Working Title Playwrights Apprentice in Atlanta. A member of Sigma Pi Sigma, Theater Resources Unlimited, ASCAP, and the Dramatists Guild, he attained an astrophysics degree with a minor in theatre at Michigan State University.

His theatrical and astronomical interests manifested as a child, with trips to operas and space camp. In middle and high school, he delved into music theory and played the trombone. The nerdy persona remained, and the artistic talents dwelled into his college years. As he was finishing his bachelor's thesis, his sister informed him that his high school calculus teacher had been

annually sharing his musical. During his junior year of high school, he wrote MATHLAND for their winter project. He returned to musical writing on the side of thesis writing. Soon, he uncovered his niche: the world of physics being told through the human experience.

As an artistic scientist, he theorizes that science and art are not two sides of the same coin. Science and art make the coin. He spins it.

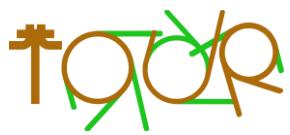


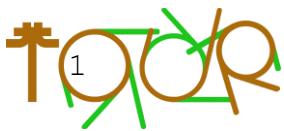
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*All texts highlighted in blue are hyperlinks to files

THANK YOU

Name	Role
Emily Johnson	Data Scientist
Marcos "Danny" Caballero	Professor of Electromagnetism
Montana Earegood	Copyeditor
Ruthann Gregory	Physicist
Janelle Lawrence	Operatic/Musical Mentor
Haley Baird	Originated Reader of Quark
Bianca Waechter	Originated Reader of Lepton
Peter Louis Epstein	Originated Reader of Boson
Carina Goebelbecker	Originated Reader of Atom
Monica Cross	Originated Reader of the ensembles
Kami Visitsak	Originated Singer of Quark
Diana Easter	Originated Singer of Lepton
Brian Egland	Originated Singer of Boson
Rina Lubit	Originated Singer of Atom



SYNOPSIS

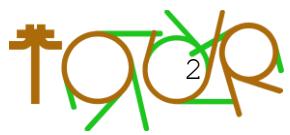
A physics fable, TOUR is an operatic musical that experiments with tango, pop, choral, and four particles named Quark, Lepton, Boson, and Atom. These standard particles collide and compete with one another in the physics academic and professional field. By the end of act one, they all pass college and get jobs at the particle accelerator. In the end of act two, they all die in the accelerator and rise as God Particles.

The characters are particles, who are searching to become perfect. In physics, particles seek out supersymmetry. Particles want to be perfect spheres. Not unlike a human being. We want to be well-rounded. The analogy is told through personifications of the particles in a nuclear reactor. Their types and class structure are costumed as human students and professors.

Quark is an exchange student, Lepton is her doctoral advisor, and Boson is the professor who tries to stop Quark from getting a career in physics.

The first act transcends the particles from college to career or from ground states to energy states. This follows Quark, an exchange student, as she graduates from her undergraduate degree to her doctorate. During her pursuit to be a physicist, she concentrates on magnetic physics and attracts Professor Boson who soon advances on her, so she rejects. He retaliates by ensuring that there are no paths to a career in physics and she experiences enlightening obstacles. As trouble ensues, she is taken under the wings of her doctoral advisor, Lepton.

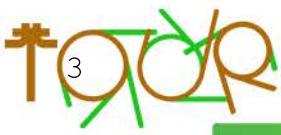
The second act transcends the particles from career to death or from standard models to supersymmetry. This follows Quark, a recently hired technician, as she rises from being a subordinate to being the director of the Accelerator. In the Accelerator, Atom is a subordinate, Lepton is its supervisor, and Boson leads as the director. As Quark gets the respect she deserves from fellow technicians, Atom grows unstable and Boson loses his influence on the world of physics. When Boson resigns and hands his position to Quark, Atom take matters into their own hands.



CHARACTER BREAKDOWN

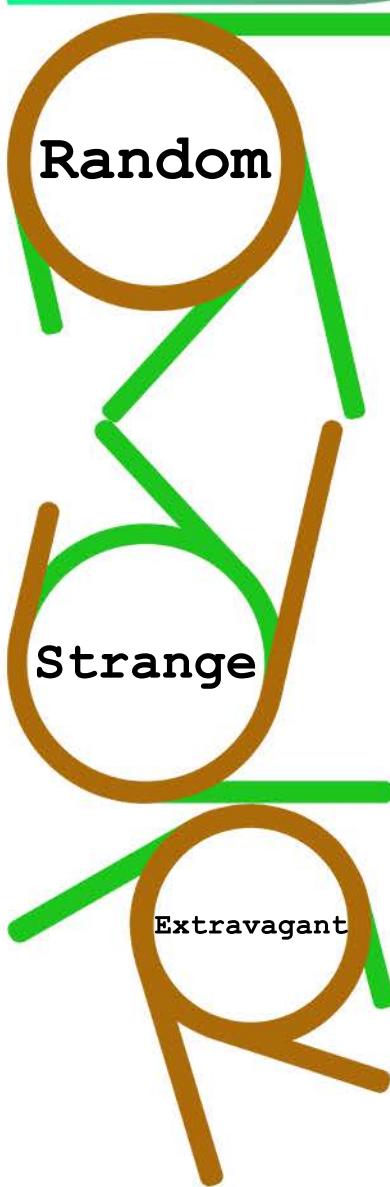
Workshops/Productions: Casting the principal characters from underrepresented racial minorities are not recommended. Casting the principal characters from underrepresented racial minorities are required.

Character	Vocal Tone & Range	
<u>QUARK</u> A student and physicist. Quotidian, Ubiquarian, Antiscian, Rachidian, K?	Musical Mezzo-Soprano	
<u>LEPTON</u> A doctoral advisor and lab supervisor. Leaves Electricity Proportional To Obscure Negativity.	Musical Alto	
<u>BOSON</u> A professor and lab director. Bright Or Sanctimonious Or Narcissistic.	Musical Baritone – Tenor	
<u>ATOM</u> A scholar and right-hand scientist. Attentive Towards Outstanding Matters.	Operatic	
Ensemble		
- STUDENTS - TECHNICIANS	- RESEARCH ASSISTANTS - POLITICIANS	- PROFESSORS - PARTICLES



Quotidian, Ubiqarian,
Antiscian, Rachidian, K?

Traits



TOUR

Vocalist

Motives

Q
U
A
R
K

"It's not who I am.
The real me."

as a Human:
She dreams to be a
physicist. The best
physicist.

as a Particle:
She strives to be
her real self.



KAMI
VISITSAK

Leaves Electricity Proportional
To Obscure Negativity

Traits



TOUR

Vocalist

Motives

L
E
P
T
O
N

"All I add is
negative."

as a Human:
She wishes to bring
less negativity
into everyone's
lives.

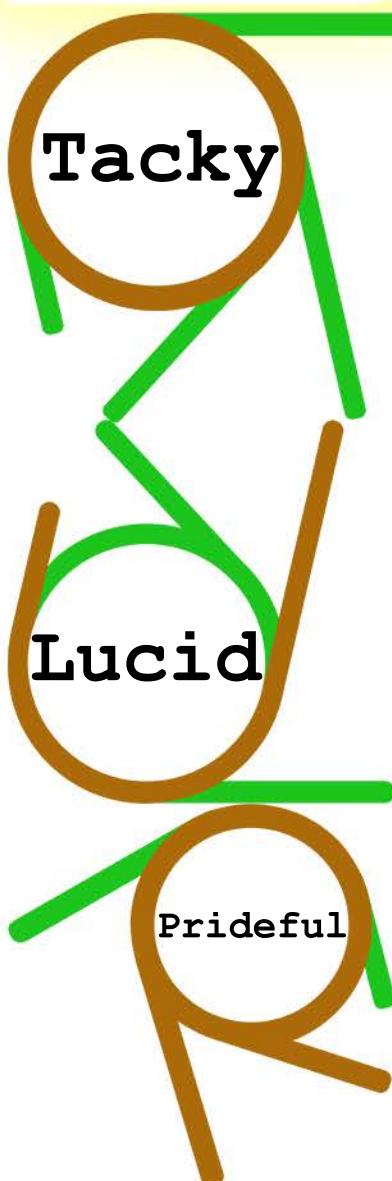
as a Particle:
She works to be the
most electrifying
matter.



DIANA
EASTER

Bright Or Sanctimonious Or Narcissistic

Traits



TOUR
Vocalist

Motives

B
O
S
O
N

"Enlighten."

as a Human:
He wants to keep
his power in the
physics community.

as a Particle:
He wants to keep
his power in the
world of physics.



**BRIAN
 EGLAND**

Attentive Towards Outstanding Matters

Traits



TOUR
Vocalist

Motives

A
T
O
M

"I am stable as any deuterium."

as a Human:
They want to uplift all matters.

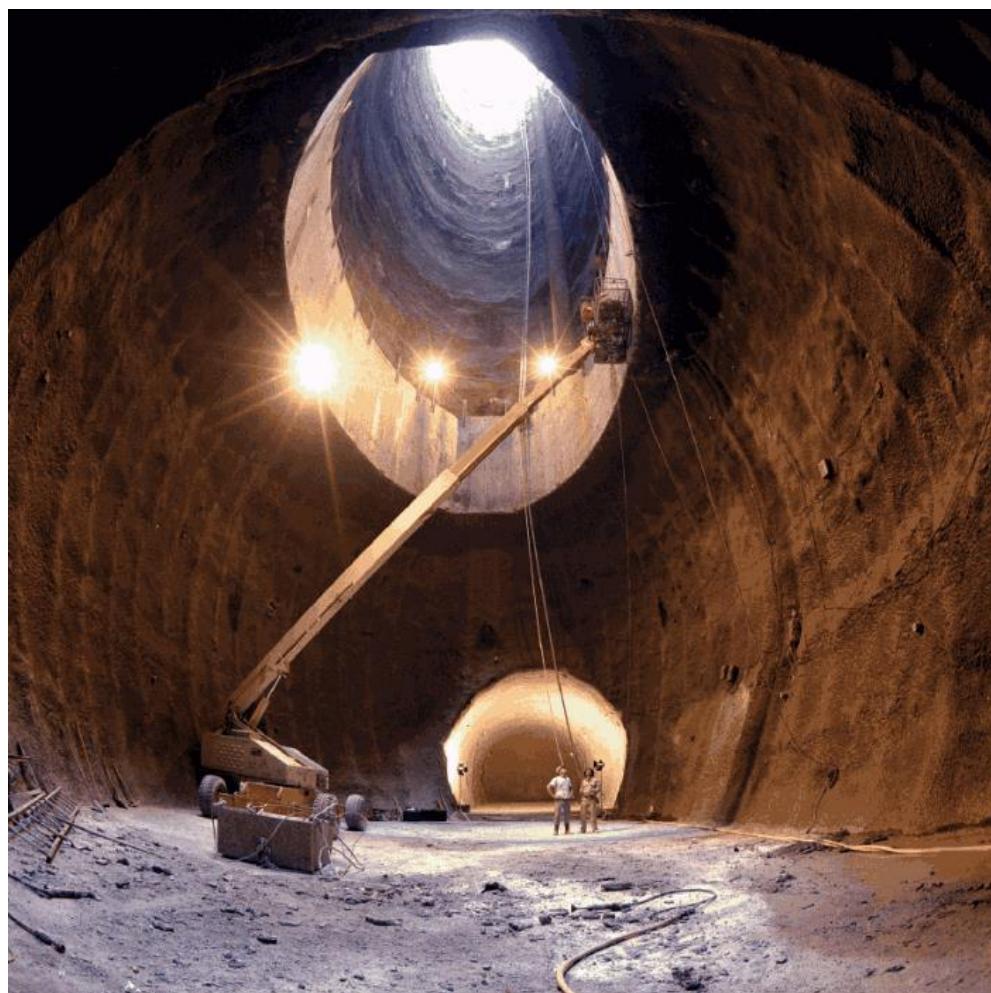
as a Particle:
They hope to stay representative of all particles.

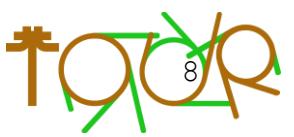


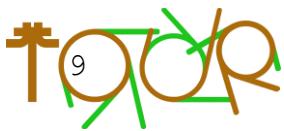
RINA
LUBIT

SCENES & SET DESIGNS

Act	Page	Location	SET props
I	8	University	PARTICLE BOARD displays a schedule, holds a box of tacks, hides a field line diagram DESK holds horseshoe magnets(4+) with a note stuck to a magnet, a field line diagram, a packet, a pen, a thesis, a decorative box hiding a magnet tambourine, packets, scantrons, papers, alarm
I	54	Desertron	ABANDONED PARTICLE ACCELERATOR operator's control, cash
I	76	Magnet Factory	PARTICLE BOARD displays tacks DESK holding magnets, metals, a light bulb, wire packets
II	88	Accelerator	COLLIDER treasures, papers, pens, operator's control, magnets
III	129	Quantum World	COLLIDER







15. SUPER COLLIDE

SCENE ii

[Desertron]

(LEPTON elegantly arrives, clad in a rancher's uniform.)

LEPTON

HOWDY. JOIN IN THE
CIRCUIT!

(Pointing in the distance.)

HOME TO DESERTRON.
HOPE, THESE RAYS
HOLD IN. BEAMS AS FAR
AS THE EYES CAN SEE
ANY BEINGS TO
EVER TOP YOUR DISSERTATION.

QUARK

NO LABS THERE YET. WHAT KIND OF ADVISING YOU DO TO
LEAD US HERE?
MY NATURAL PHYSICS HAS BEEN TRAINED TO GET YOU COFFEE.

(LEPTON wanders off.)

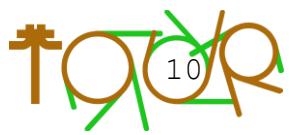
END UP WITH DESERTS.

(Noticing LEPTON's disappearance.)

NOT THE COURSE TO DESERT THIS DOCTORATE!

(Motioning towards herself.)

WELL, THERE IT GOES. MY CONCLUSION.
EGO'S NEVER HYPERSENSITIVE. THIS MIND STAYS DEHYDRATED.



(LEPTON tiptoes in, sanding off an operator's control.)

LEPTON

HYPOTHESIS THAT THIS
HEARTLAND OF
INNOVATION BRINGS FREE
ENERGY. WHERE NOT JUST
MATTER EXISTS, BUT THEY
MATTER IN OUR LAWS.
IN FACT, FORCE THESE
WAVELENGTHFUL KEYS.

(Handing the control to QUARK.)

PROPEL PROTONS, SMASHING THEM INTO A GRAPHITE'S NUCLEI,
PRODUCING NEUTRONS WITH PIONS, POSITIVE NEGATIVE,
TAKING THOSE POSITIVITIES, FOCUSED IN A BEAM SO THEY'D.
PARDON MY, DECAY.
JUST THEORIZ...
SUPER COLLIDE.

(QUARK presses on the control.)

BEAMS SUPER COLLIDE!

(Preparing for the collision. When nothing happens, she takes over the control.)

БЛЯДЬ (blyat).
GIVE ME A MOMENT.
HOLD UP UNIVERSE!

(Trying to raise QUARK.)

QUARK.

[Particles collide.]

BEHOLD THE DESERTRON!
SUPERCONDUCTING SUPER COLLIDER!
A SMASH.

MUSICAL NUMBERS

#	Title	Character(s)
1.	<u>Eigen</u>	ATOM
2.	<u>Symmetry</u>	LEPTON BOSON ATOM students
3.	<u>Exchange Particle</u>	QUARK ATOM
4.	<u>Torsion</u>	QUARK LEPTON
5.	<u>Available Energy</u>	QUARK
6.a.	<u>Tachyon</u>	QUARK LEPTON BOSON ATOM students
7.	<u>Nuclide</u>	QUARK BOSON ATOM
8.	<u>Entanglement</u>	QUARK BOSON
9.	<u>Crossing Field Lines</u>	QUARK BOSON
10.	<u>Centration</u>	QUARK BOSON research assistants
11.	<u>G</u>	QUARK LEPTON ATOM professors
12.	<u>Anyon</u>	QUARK
13.	<u>Valence</u>	QUARK LEPTON ATOM students
14.	<u>Effusion</u>	QUARK
15.a.	<u>Super Collide</u>	QUARK LEPTON technicians
16.	<u>Particulate</u>	QUARK ATOM technicians
17.a.	<u>Slepton</u>	QUARK BOSON ATOM politicians
18.	<u>Backscatter</u>	QUARK LEPTON
19.	<u>Charge</u>	QUARK LEPTON ATOM
20.	<u>Electroform</u>	QUARK ATOM technicians
21.	<u>Remanence</u>	QUARK
22.a.	<u>Preon</u>	QUARK LEPTON
23.	<u>Mole</u>	QUARK LEPTON BOSON technicians
24.	<u>Elementary Particle</u>	QUARK ATOM
25.	<u>Bring the Conductivity</u>	QUARK LEPTON
26.	<u>Mass Charge Spin</u>	QUARK LEPTON BOSON ATOM
27.	<u>Quantum</u>	QUARK LEPTON BOSON ATOM technicians
28.	<u>Fusion</u>	QUARK BOSON ATOM
29.	<u>Synchrotron</u>	QUARK BOSON technicians
30.	<u>Hypercharge</u>	QUARK LEPTON ATOM technicians
31.	<u>Isospin</u>	QUARK LEPTON BOSON ATOM

MUSICAL NUMBERS (cont.)

#	Title	Character(s)
32.	<u>Subatomic</u>	QUARK ATOM technicians
33.	<u>Meson</u>	QUARK BOSON ATOM
34.	<u>Pion</u>	QUARK ATOM
35.	<u>Deuterium</u>	QUARK ATOM
36.	<u>Electron</u>	QUARK LEPTON technicians
37.	<u>Positron</u>	QUARK BOSON
38.	<u>Fission</u>	QUARK BOSON ATOM
39.	<u>Parity</u>	QUARK BOSON technicians
40.	<u>Baryon</u>	QUARK LEPTON BOSON ATOM
41.	<u>Decay</u>	QUARK LEPTON BOSON ATOM particles
42.	<u>Supersymmetry</u>	QUARK LEPTON BOSON ATOM particles
43.	<u>Knot</u>	COMPANY

Score

16 PARTICULATE TOUR

DAVID QUANG PHAM

Moderato

Fm A♭ C⁵ Am

A♭ C⁵ F⁵

A♭ E♭⁵ B♭⁵

ATOM

Piano

Drum Set

5 Fm A♭ C⁵ F⁵ A♭ C⁵ F⁵ A♭ E♭⁵ B♭⁵

ATOM

Am I too late?
A-gain, Quark.
A pos-tu-late

Piano

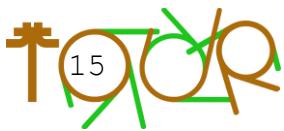
Drum Set

9 C G Dm Am A♭ C Fm B♭

ATOM dream - er. Al-ways in the clouds. Part-i-cu-lar-ly eer - ie

Piano

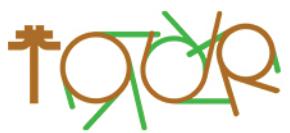
Drum Set



DEVELOPMENT

Date	Type	Site	Specific(s)
2015	Idea	Fermilab	The spark of love for particle physics
2017	Writing	Chicago	The start of writing this fable
2019 12	Discussion	New York	Reg E. Gaines of the Downtown Urban Arts Festival restructured the entire story
2020 4-24	Reading (Table)	The 24 Hour Plays	Hosted by Madelyn Paquette tourmusical.com/events/2020-4-24
5-16	Reading (Table)	S.I.S.R!	Hosted by Michael Perrie Jr and Lacy Reily tourmusical.com/events/2020-5-16
7-17	Reading (Table)	CreateTheater ETC	Hosted by Cate Cammarata tourmusical.com/events/2020-7-17
8-29	Reading (Table)	S.I.S.R!	Hosted by Michael Perrie Jr and Lacy Reily tourmusical.com/events/2020-8-29

OBJECTIVES



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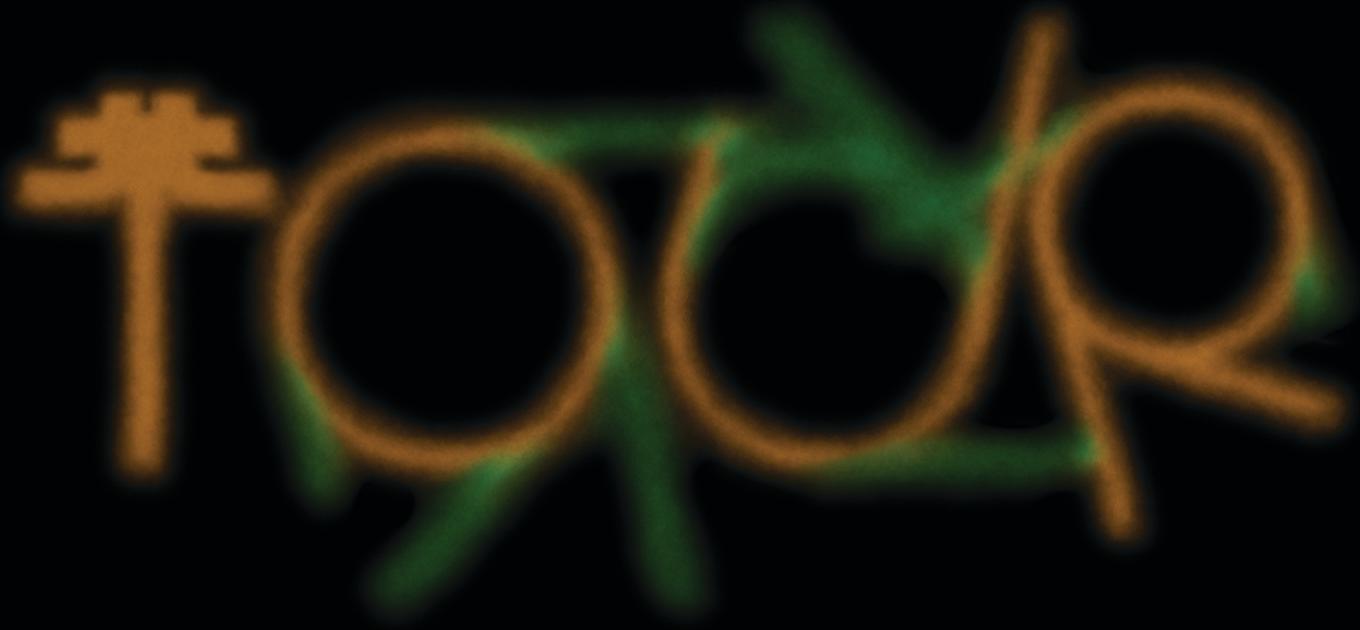
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