

# DR. FRANKENSTEIN'S LABORATORY

**2018 marks the 200<sup>th</sup> anniversary of Mary Shelly's Frankenstein!**

See the high voltage special effects devices used in the vintage movies live onstage arcing, sparking and throwing spectacular electrical bolts just as they did on the set when originally filmed. Can you identify all of the films that these devices were used in? Frankenstein (1931), The Mask of Fu Manchu (1932), The Bride of Frankenstein (1935) and many more including Young Frankenstein (1974).

- Discover a little history about Ken Strickfaden, the man who created these first high voltage special effects used in early movies and what these devices were called by their creator, as well as Nikola Tesla, the scientist who gave us electricity as we know and use it today.
- See these high voltage special effects devices operating again live on stage for the first time since the filming of these classics in the early 20<sup>th</sup> Century. This is a “one of a kind show”!
- Witness one of Tesla's greatest inventions the “Tesla Coil” generating nearly a half a million volts throwing its large arcs and sparks live onstage with its immense electrical power conducted through the professor to light up the stage and fragmentize objects.
- Explore the history of Nikola Tesla, the scientist who electrified the world.
- See a live demonstration of the “electric chair” effect reminiscent of carnival side shows in the 20th century where Miss Electra in the chair is completely impervious to electricity with electric arcs and flames emanating from her fingers.

A unique and extraordinary event steeped in both electrical history as well as movie history in addition to the spectacular visual displays of high voltage arcs, sparks, and bolts of electricity demonstrated live onstage by Professor Sparks and Miss Electra.

Attendees have called it the “highlight of the convention” and said “it's like watching the History Channel, only live”!



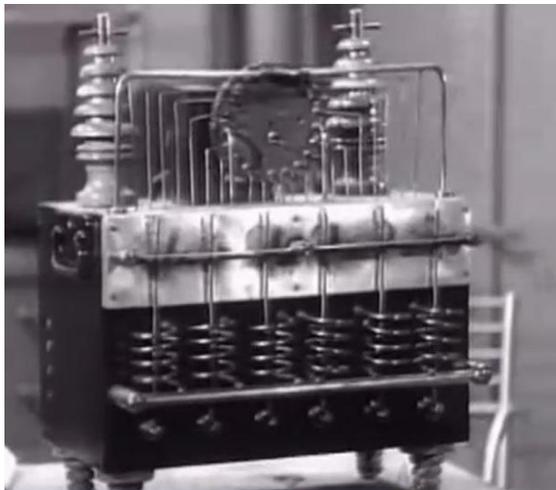
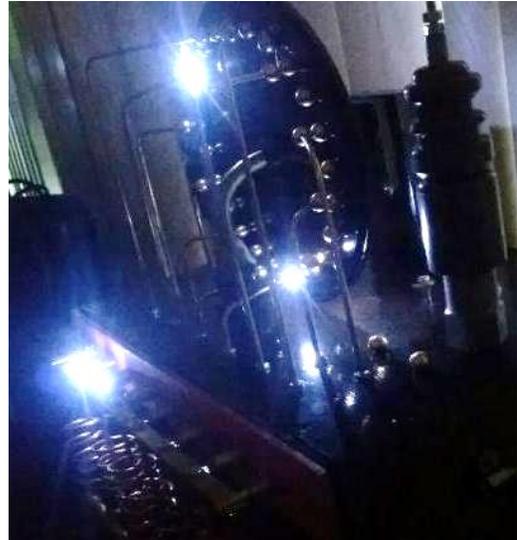
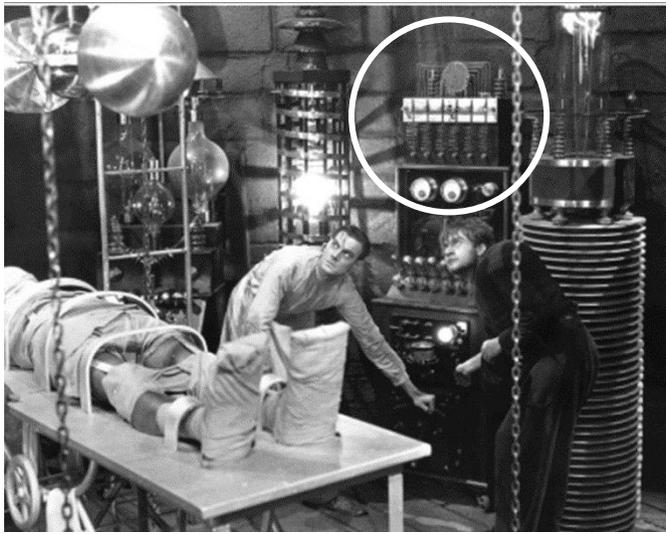
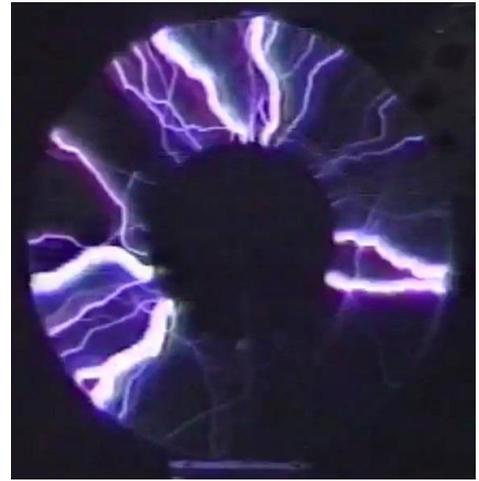
Professor Sparks energizing his body with a 500,000 volt Tesla coil throwing electrical lightning bolts from his fingers!



See and hear the dramatic 75,000 volt "Lightning Screen" sparking live onstage

The Lightning Screen is seen in Young Frankenstein, Dracula vs. Frankenstein and The Munster's

First developed by Ken Strickfaden, this is the 1930's predecessor of the modern day plasma screen.



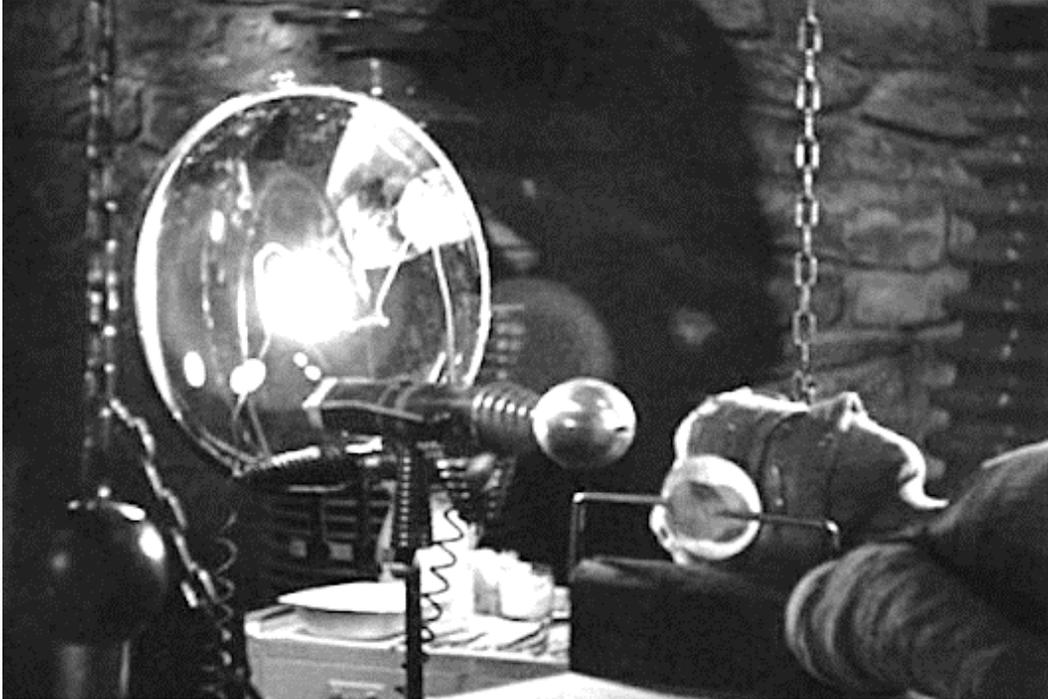
See the "Cosmic Ray Diffuser" operate live onstage just as it first appeared in Frankenstein, Bride of Frankenstein, The Vanishing Shadow, and many other productions.



See the "Digital Disputer" as featured in Dracula Vs, Frankenstein and again in Young Frankenstein

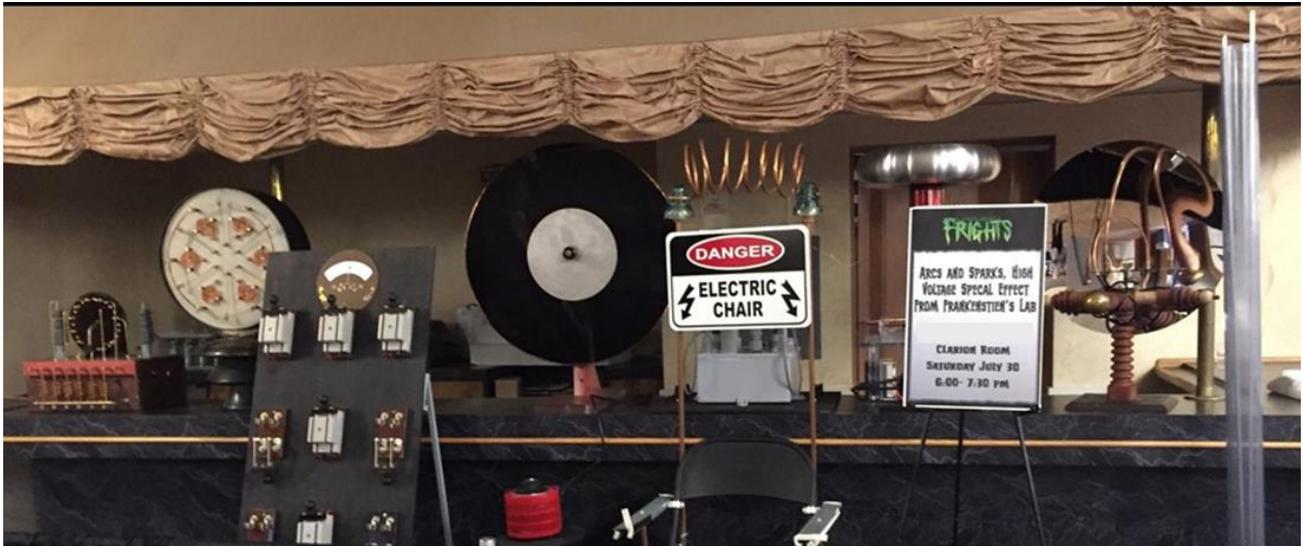


See the “Nebularium” which appeared in Frankenstein, Universal, 1931, The Mask of Fu Manchu (1932), The Bride of Frankenstein (1935), and Young Frankenstein (1974), just to name a few.



The Nebularium as seen in Bride of Frankenstein.





See all of these high voltage special effects apparatus, all operating live onstage for the first time since the filming of these great classic horror films.

Many unique high voltage demonstrations including the “electric chair”, rarely seen since the mid-20<sup>th</sup> century and reminiscent of 20th century carnival sideshows.



Energized at 15,000 volts in the “electric chair” – Miss Electra lights light bulbs from her touch and creating flames from her finger tips.

**Having been struck by lightning as a small child Miss Electra has since been completely impervious to the effects of electricity!**



Professor passing high voltage electricity through his body to lilluminate light bulbs



Energizing his body with a 500,000 volt Tesla coil throwing sparks from his fingers fragmentizing objects.



Onstage with Miss Electra!



Miss Electra electrified at 15,000 volts!



Miss Electra Lights up the stage!



**John "Grizzy" Grzywacz**

Professor Emeritus  
U. S. Dept. of Labor  
OSHA National Training Institute  
oshaprofessor.com  
oshaprofessor@yahoo.com  
847-436-7745

**"Grizzy"**, as he likes to be called has been recognized by OSHA's National Office in Washington D.C. as both a National Electrical Code (NEC®) historian as well as "the best electrical safety trainer in the country!" Certainly at the very least Grizzy has been OSHA's electrical safety "go-to guy" and has been instrumental in shaping and interpreting OSHA policy and regulations for several decades.

Grizzy has trained OSHA compliance officers, appeared as OSHA's electrical expert, and guided literally hundreds of electrical fatality investigations. Grizzy continues to train OSHA compliance officers and personnel coast to coast, as well as still providing investigative assistance to the Agency on fatality investigations and significant cases.

**Licensed by the Department of Education**, and prior to his OSHA career, Grizzy had been both an **educator and administrator** for various public and private schools and held the position of Electronic Department Chairman and Director of Education at a New York City proprietary school.

In addition to being a **professional speaker** and **nationally recognized seminar leader** with **over 40,000 hours of platform experience**, Grizzy has lectured at numerous colleges and universities all across the US and has numerous published works in video and print which have assisted safety professionals and helped workers for decades.

Recognized nationally as **preeminent in regulatory electrical safety training**, Grizzy conducts training all across the country providing insight into navigating the complex regulatory requirements.

Grizzy also remains busy presenting unique and spectacular high voltage keynote presentations at professional conferences, and conventions including sci-fi cons, steampunk conventions, and others, demonstrating some of the rare and unique electrical artifacts and high voltage apparatus which he has been collecting for decades.