

Caltech *presents*

REEL SCIENCE



Performing Arts

Tickets \$5

All events begin at 10 A.M.

October 11, 2013

Recommended for grades 3-12

***Faster Than a Speeding Bullet:
Breaking The Sound Barrier***

Discussion Leader: **David Chen**
Engineering and Applied Science

Superman may be able to fly faster than a speeding bullet at will, but for the rest of us, the need for speed has been a long and challenging journey, filled with dangers and bumps along the way. From the Navy's top test flight center to NASA's supersonic research program, the Discovery Channel's *Supersonic: Pushing the Envelope* takes us through just what it takes to beat sound in a race.



November 1, 2013

Flamenco Vivo
Carlota Santana

Innovative music, resounding *cante hondo*, exquisite movements—the artists' power and passion electrifies the tradition of flamenco.

Recommended for grades K-12

January 24, 2014

ArcAttack
Singing Tesla Coils

Combining their love of rock music and their love of science, the creators of the original Singing Tesla Coil use their high tech wizardry to generate a truly "electrifying" performance.

Recommended for grades 3-9



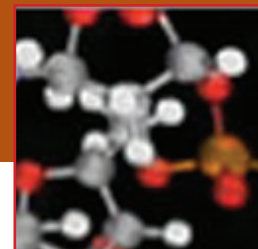
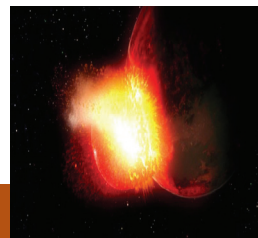
February 21, 2014

Trial by Fire:
***How Catastrophes and
Collisions Enabled Life on Earth***

Discussion Leader: **Kirsten Siebach**
Geological and Planetary Sciences

There are nearly 9 million species alive on Earth today, but we haven't found any forms of life outside of our planet. What makes Earth so special? We will investigate the events that have allowed Earth to develop and protect complex life, from the formation of the moon to asteroid impacts and volcanic eruptions.

Recommended for grades 3-12



May 9, 2014

How to Create Superheroes?

Discussion Leader: **Geoffrey Lovely**
BioChemistry

How ARE superheroes created? Geoffrey Lovely introduces us to the greatest superheroes ever to live in the entire universe. What makes each of those superheroes unique? Genetic mutation. The Nova film *Cracking the Genetic Code* will show that genetic mutations happen in all of us every day, so in our own ways, we are all superheroes.

Recommended for grades 3-12

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