



SCIENCE CHANNEL September 2010 HIGHLIGHTS

*All times ET

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The marking "(wt)" designates a working title and may be subject to change.

**Denotes programs with artwork available for download at

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SPECIAL PROGRAMMING

WONDERS OF THE SOLAR SYSTEM

North American Premiere

Season Finale Airing Wednesday, September 1 at 9 PM

[TV-PG]

**Artwork Available

WONDERS OF THE SOLAR SYSTEM, hosted by physicist and Professor Brian Cox, guides viewers through the most exquisite places on Earth to explain how the laws of nature have carved spectacular landscapes throughout the solar system. From fountains of ice that erupt thousands of miles into space to the mysterious liquid methane seas of Titan to Mar's Grand Canyon, each week Brian Cox will take viewers on a global adventure that is part visual feast, part mind trip and part astronomy dive.

Wednesday, September 1 9 PM North American Premiere [TV-G]	<i>Aliens</i> Professor Cox descends to the bottom of the Pacific in a submarine. The deep ocean is one of the most alien places on Earth, yet life thrives here in bizarre oases. In this episode, Brian casts an eye over the Solar System to see whether there may be other worlds that could harbour life.
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UNDERGROUND WAR

Premieres Tuesday, September 14 at 9PM

[TV-PG]

This special is a meticulous, high-tech exploration of a World War One trench forty-feet below the Earth's surface. The bunker yields tantalizing clues about its history and role in the Battle of Passchendaele, one of the war's first major battles. Led by military historian Peter Barton and renowned archaeologist Tony Pollard, a crack team of scholars and excavators uses cutting edge equipment to tunnel deep into the Belgium countryside, uncovering the best preserved dugout ever discovered.

NEW SERIES

SCI FI SCIENCE: PHYSICS OF THE IMPOSSIBLE

Season Two World Premieres Wednesday, September 1 at 10 PM

Series Airs Wednesdays at 10 PM

[TV-G]

****Artwork Available**

Someday mankind will face almost unthinkable challenges. We'll need a home other than Earth, our planet may be invaded by alien life, we'll have to stave off an impact from an asteroid, our robots may rise up against us and more. All are potentially scary scenarios that seem to come more from science fiction movies rather than reality. But what's impossible today could be matter-of-fact tomorrow. The good news? We'll have science fiction to fall back on for potential solutions. In season two of the hit series **SCI FI SCIENCE: PHYSICS OF THE IMPOSSIBLE**, world-renowned physicist and best-selling author Dr. Michio Kaku returns to tackle how mankind will deal with real-life situations from the world of science fiction.

Wednesday, September 1 10 PM World Premiere [TV-G]	<i>Earth 2.0</i> Our fragile planet faces all kinds of threats. We need to be sure we have a home away from home for when doomsday comes. But none of our neighbors are habitable. Is it possible to alter a planet to create Earth 2.0?
Wednesday, September 1 10:30 PM World Premiere [TV-G]	<i>Galactic Colonization</i> Can humanity spread itself across the vast distances of space and colonize far-away planets to create the kind of galactic civilizations we see in "Star Wars" and "Star Trek"?
Wednesday, September 8 10 PM World Premiere [TV-G]	<i>Deep Impact</i> Humanity constantly faces an alarming risk of being wiped out by comets or asteroid impact. Dr. Kaku aims to design a planetary shield to protect us from a real life "Armageddon".
Wednesday, September 15 10 PM World Premiere [TV-G]	<i>A New Solar System</i> In the future our solar system may fall victim to a wandering black hole, and we'll need a whole new solar system. Dr. Kaku thinks building one is simply "an engineering problem". His solution means an end to planetary living as we make the leap to becoming an advanced civilization.
Wednesday, September 22 10 PM World Premiere [TV-G]	<i>First Contact</i> Making contact with an alien species could be the most mind blowing event in the history of human civilization. In this episode Michio opens his mind to strange evolutionary possibilities and prepares to welcome aliens to earth for their future arrival.

Wednesday, September 29 10 PM World Premiere [TV-G]	<i>Alien Invasion</i> Realistically, planet earth would be doomed if it were invaded by a hostile alien civilization. Dr. Kaku, however, idealistically believes that humans have the capability to defend ourselves against an alien invasion. Enthusing scientists and science fiction fans alike Michio develops a plan to save our planet from future alien catastrophe.
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ONGOING SERIES

HOW IT'S MADE

Series Airs Fridays at 9 PM

[TV-G]

From holograms and fiber optics to chocolate and hockey sticks, viewers will learn how many of the everyday objects that we seldom stop to think about were created. In each episode of this series, viewers follow the objects from its parts to a finished object and see the factories that produce the products.

HOW DO THEY DO IT?

Series Airs Fridays at 10 PM

[TV-G]

Ever wonder how that GPS System your wife gave you this past holiday season actually works? Or, how engineers fit all that horse power into the Ferrari you wish you had gotten? How do they really make peanut butter from peanuts? How does soup get canned? From the exotic to the everyday items, learn more about the world around you as Science Channel's popular series **HOW DO THEY DO IT?** provides answers to these questions and more.

Friday, September 3 10 PM U.S. Premiere [TV-G]	<i>Battery Power, Western Saddles, Margarine</i> How do they turn sulphuric acid and lead into 100 million car batteries? How do cowboys stay on a bronc? How do they turn oil into spread?
Friday, September 10 10 PM U.S. Premiere [TV-G]	<i>Sugar Sweet, Crash Testing</i> How do they turn cane into sugar? How do cars protect you in a crash?

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