

SCINEMA

INTERNATIONAL SCIENCE FILM FESTIVAL 2018

NUMBERS PROGRAM (G) RUN TIME 99mins

KCLOC (USA) 2:30 mins Best Animated Film

Directed, Produced and Written by
Ninaad Kulkarni

What does time mean to you? This 3D film explores our perceptions of time, with exquisite animation and great wit.

Jury comment: *With exquisite animation this film manages to take something common to all of us that we don't stop to think about into something fun, witty and nuanced.*

ANCIENT BABYLONIAN TABLET – THE WORLD'S FIRST TRIG TABLET (Australia) 2:50 mins

By Brad Hall

Scientists from UNSW Sydney have discovered the purpose of a famous 3700-year old Babylonian clay tablet, revealing it as the world's oldest and most accurate trigonometric tablet.

It was most likely used by ancient mathematical scribes to calculate how to construct palaces, temples and stepped pyramids.

THE BLOCKCHAIN AND US (Switzerland) 30:00 mins

By Manuel Stagars

Swiss filmmaker Manuel Stagars portrays the state of blockchain technology in 2017 in interviews with software developers, cryptologists, researchers, entrepreneurs, consultants, VCs, authors, politicians, and futurists from the USA, Canada, Switzerland, the UK, and Australia. How can the blockchain benefit the economies of nations? How will it change society? What does this mean for each of us?

The Blockchain and Us is no ordinary explainer video of the technology. It gives a view on the topic, makes it accessible and starts a conversation about its potential broader implications in a non-technical way. The film deliberately poses more questions than it answers.

THE SECRET TO MAKING BETTER DECISIONS – CATALYST (Australia) 58:24 mins Award for Scientific Merit

Directed and Produced by David Symonds,
Nicholas Searle

Mathematician Lily Serna believes maths can provide the answer to life's tough decisions and she's going to show us how in the first of the new series of Catalyst.

While searching for the perfect beach she reveals the formula for making blind choices. She also shows how logic can make you better at games and even tell which queue to join at the supermarket. Lily introduces some Maths 'Phobics' to the 'Monty Hall Dilemma'. A game-show conundrum that will make you radically rethink your decisions in a game of chance.

Lifting the lid on algorithms, Lily uses them to solve an orienteering challenge and we enter the world of the optimised warehouse where all the decisions are made by these logic rules. She also sees how human intuition and maths make a powerful team, meeting designer Jason Grech who uses artificial intelligence in the design of his couture gowns.

Finally she explores the maths of chaos and how it's used to decide what the weather will do.

Jury comment: *To make the most abstract of mathematical concepts and logical reasoning both accessible and informative while still remaining humorous and relatable is an extraordinary effort.*

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for the
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