



**R EISENBERG PRESENTS**

**Regina Eisenberg**

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## 400 YEARS *of the* TELESCOPE

**Distributor:**  PBS

**Producer:** Emmy-Award Winning  
Kris Koenig & Interstellar Studios

**Presenter:** SOPTV, Southern Oregon Public Television

**Narrator:** Top astrophysicist and NOVA scienceNOW's Dr. Neil deGrasse Tyson

**Music Score:** London Symphony Orchestra

**NOLA Code:** FYET0000

**PBS 2<sup>nd</sup> Release:**

**Broadcast Rights:** 8 Rel/3 Yrs (4/10/09 – 4/9/12)

**School Record:** 1 Yr/Each Broadcast

**PBS/NPS HD Feed:** Friday, April 9, 2010, 10 pm

**Scheduling Hook:**

**Around the Two Nova Programs: "Hunting the Edge of Space"**

**Marketing/Outreach Grants are Available:**

**Please contact Christina Robison, SOPTV for Details.**

**Screening DVD Available upon Request**

Dear colleague:

Southern Oregon Public Television and PBS are please to announce the second release of **400 Years of the Telescope: A Journey of Science, Technology and Thought** in time for your spring and summer schedules when armchair and actual stargazers look for the wonders in the sky. A tribute to the mysteries telescopes continue to reveal, this visually stunning

chronicle takes viewers on a sweeping journey from 1609, when Galileo revealed our place in the galaxy, to today's thrilling quests to discover new worlds. Partnering with planetaria and astronomical societies in most U.S. communities the 60-minute documentary tells the story of the past, present and future of telescopes and what they teach us about humankind's changing perception of the cosmos.

Look for the PBS/NPS feed on Friday, April 9, 2010, 10 pm.

**400 Years of the Telescope** shares the contagious passion of leading astronomers who clearly explain otherwise obtuse astronomical concepts. Complementing the scientists, the program includes reenactments of Galileo's invention, early pen drawings of the moons of Jupiter, high tech graphics and the remarkable story of how what seemed impossible at the time—fixing the Hubble Space Telescope in space—occurred, portending the discernment of many more of the universe's mysteries in the future. The compelling documentary lifts viewers off their armchairs into space.

Outreach for the second release includes:

- A full-dome and traditional planetarium program, *Two Small Pieces of Glass*, is available as a companion piece to tie in community events in collaboration with local planetaria. This companion planetarium program is the most successful and most played program in planetaria in 2009—playing in over 250 planetaria throughout the U.S.
- Outreach programs designed to reconnect society to the starry night for educational organizations, amateur astronomy organizations, national broadcasters and planetaria are available to stations.

**400 Years of the Telescope** is supported by a beautiful book, a DVD and CD Soundtrack.

**400 Years of the Telescope** is the first PBS documentary filmed on 4K Digital Cinema technology. It is produced by Emmy award winning producer and writer Kris Koenig, who with the Interstellar Studios production team traveled the globe visiting the world's leading astronomers, cosmologists and observatories. The documentary includes a lush score by modern English composer Mark Slater performed by the London Symphony Orchestra. Presented by SOPTV and distributed by PBS/NPS, it is narrated by Dr. Neil deGrasse Tyson. The underwriter is National Science Foundation. Local underwriting *is* permitted.

Please contact me if you have questions. I'll be in touch with you about your carriage plans during February and March. A fact sheet follows.

Very truly yours,

Regina

**Regina Eisenberg**

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**fact sheet  
2<sup>nd</sup> Release**

**400 Years of the Telescope:  
A Journey of Science, Technology and Thought**

**Program Summary:**

A tribute to the wonders telescopes reveal, this visually stunning chronicle takes viewers on a sweeping journey from 1609, when Galileo disclosed our place in the galaxy, to today's thrilling quests to discover new worlds.

**Length:**

1/60

**Rights:**

Broadcast: 8 Rel/3 Yrs

Non-Commercial Cable: Yes

School Record: 1 Yr/Each Broadcast

**Video:**

HD

**NOLA Code:**

**FYET0000**

**PBS/NPS 2<sup>nd</sup> Feed:**

HD: Friday, April 9, 2010, 10 pm

**Scheduling Hook:**

**Around the Two *Nova* Programs:**

**"Hunting the Edge of Space"—Fed April 6<sup>th</sup> & 13<sup>th</sup>.**

**Audio/Visual:**

5.1 Surround



DVI

**Producer:**

Kris Koenig (producer, writer)

Interstellar Studios

**Presenter:**

Southern Oregon Public Television (SOPTV)

**Distributor:****Underwriters:**

National Science Foundation  
Ball Aerospace

**Local Underwriting:**

Local underwriting *is* permitted.

**Awards:**

Four peer reviewed Telly<sup>®</sup> awards for animations, writing, cinematography and documentary production.

**Outreach:**

A planetarium program titled "Two Small Pieces of Glass" that is currently *one of the most screened planetarium programs in the world!*

"Two Small Pieces of Glass" is distributed worldwide by the International Planetarium Society and translated into 13 languages to date. Produced by `Imiloa Astronomy Center of Hawai'i, Interstellar Studios, and Buhl Planetarium at Carnegie Science Center, it focuses on two students attending a star party and talking with a professional astronomer. Along the way the students explore the history of telescopes and important discoveries about the universe. Featuring stunning visuals from Mirage3D, a Netherlands based production company, and a script from Emmy<sup>®</sup> Award winning scriptwriter Kris Koenig of Interstellar Studios, it continues to be praised for its excellent educational content. Two Small Pieces of Glass is currently one of the most screened planetarium programs in the world.

**Companion Products:**

- A companion book, *400 Years of the Telescope* by Donald Goldsmith, Ph.D., is available both in hard copy and as digital book at [Amazon.com](http://Amazon.com).
- The London Symphony Orchestra music score is available at iTunes and through Internet retailers.
- Collateral educational materials at [www.400years.org](http://www.400years.org) including over 70-hours of interviews with some of the world's leading astronomers.

**Summary of 1<sup>st</sup> Release:**

**400 Years of the Telescope: A Journey of Science, Technology and Thought** achieved unprecedented collaboration between planetaria across the globe, Astronomical Society of the Pacific, NASA Night Sky Network of amateur astronomers, Public Broadcasting Service (PBS) stations and international broadcasters. At the core is the one-hour documentary highlighting the achievements of the telescope over the past four hundred years against the backdrop of the world's major observatories and a planetarium program titled "Two Small Pieces of Glass."

The film was shot on locations across the globe, including the Netherlands,

France, Germany, Canary Islands, South Africa, Australia, Chile, Hawaii, North America and Galileo's final residence at Arcetri in Italy. It is the first PBS documentary to utilize 4K digital cinema – a recording process 5.5 times the resolution of high definition.

**Websites:**

[www.pbs.org](http://www.pbs.org)

[www.400years.org](http://www.400years.org)

[www.reisenbergpresents.com](http://www.reisenbergpresents.com)

**Contacts:**

**Station Relations & DVD Screener**

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**Outreach:**

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**Viewer Questions & Comments:**

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