



# Smithsonian

## *Institution Archives*

Productions, *circa* 1985-1995

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## Collection Overview

<b>Repository:</b>	Smithsonian Institution Archives, Washington, D.C., <a href="mailto:osiaref@si.edu">osiaref@si.edu</a>
<b>Title:</b>	Productions
<b>Date:</b>	<i>circa</i> 1985-1995
<b>Identifier:</b>	Accession 16-120
<b>Creator::</b>	Smithsonian Astrophysical Observatory. Science Media Group
<b>Extent:</b>	22 cu. ft. (22 record storage boxes)
<b>Language:</b>	English

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## Administrative Information

### Preferred Citation

Smithsonian Institution Archives, Accession 16-120, Smithsonian Astrophysical Observatory.  
Science Media Group, Productions

### Access Restriction

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listening copies can be made for a fee. Contact reference staff for details.

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## Descriptive Entry

The Science Media Group (SMG) was founded by Dr. Matthew H. Schneps and Dr. Philip Michael Sadler as an experimental project to explore novel applications of video in the service of science education. In operation at the Smithsonian Astrophysical Observatory and the Harvard College Observatory from 1989 to 2013, this accession consists of videotapes and motion picture film of edited programs, camera masters, and supporting materials. The programs focus on classroom teaching and reflect the best practices drawn from research in science teaching and learning. Programs include interviews and on-camera presentations by leaders in the science education reform movement; extensive interviews with students, science and mathematics content experts, and K-12 and information science educators.

Productions document Albert Einstein, bubbles, congresses and conventions, science education, the moon, and the universe.

Some materials date from before the SMG was formed. Materials include videotapes, audiotapes, motion picture film, sound recordings, notes, shot logs, images, and cue sheets.

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## Names and Subject Terms

This collection is indexed in the online catalog of the Smithsonian Institution under the following terms:

Subjects:

- Bubbles
- Congresses and conventions
- Documentary films
- Documentary videos
- Motion pictures -- Production and direction
- Science -- Study and teaching
- Video recordings -- Production and direction

Types of Materials:

- Audiotapes
- Black-and-white photographs
- Manuscripts
- Motion pictures (visual works)
- Videotapes

Names:

- Einstein, Albert, 1879-1955
- Harvard College Observatory
- Sadler, Philip Michael
- Schneps, Matthew H.
- Smithsonian Astrophysical Observatory

Places:

- Moon
- Universe

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## Container Listing

Box 1	
Box 1 of 22	Einstein USA
Box 1 of 22	Burt Cardon, SR 4, 16mm film and mag track
Box 1 of 22	Relativity loop from SR7, 16mm film and mag track
Box 1 of 22	Seagle's 2nd newspaper, 16mm film
Box 1 of 22	Newspaper, 16mm film
Box 1 of 22	Stamp, camera roll 20, 16mm film
Box 1 of 22	Big Al, 16mm film and mag track
Box 1 of 22	God, 16mm film
Box 1 of 22	"Joint's closing - Beer", 16mm film
Box 1 of 22	Rodney Hudson, 16mm film
Box 1 of 22	Ben Halley, 16mm mag track
Box 1 of 22	Galaxy, 16mm film
Box 1 of 22	Cartoon - Rebecca's shoot, 16mm film
Box 1 of 22	Tongue and titles, acceptable, 16mm film
Box 1 of 22	Old tongue test, 16mm film
Box 1 of 22	Syntone II, 16mm mag track
Box 1 of 22	Compilation, 16mm mag track
Box 1 of 22	Optical color negative, 16mm film
Box 1 of 22	Miscellaneous, 16mm film (2 rolls)
Box 2	
Box 2 of 22	Mix cue sheets
Box 2 of 22	Images (2 folders)

Box 2 of 22	Final mix, 35mm mag track
Box 2 of 22	"The Black Hole" - Sound effects and music with slates, 1/4" audiotape
Box 2 of 22	Music, 1/4" audiotape
Box 2 of 22	Gravity's warpings, roll 1, 1/4" audiotape
Box 2 of 22	Gravity's warpings, roll 2, 1/4" audiotape
Box 2 of 22	Recording 1 - Bart Cardon, May 4, 1986, 1/4" audiotape
Box 2 of 22	Recording 2 - Bart Cardon, May 4, 1986, 1/4" audiotape
Box 2 of 22	Recording 3 - Rodney Hudson, May 5, 1986, 1/4" audiotape
Box 2 of 22	Recording 4 - Bart Cardon, second session, May 13, 1986, 1/4" audiotape
Box 2 of 22	Recording 5 - Bart Cardon, second session, May 13, 1986, 1/4" audiotape
Box 2 of 22	Recording 6 - Ben Halley and Bart Cardon, American National Theatre, May 14, 1986, 1/4" audiotape
Box 2 of 22	Production Records, 1985-1986 (4 folders)
Box 3	
Box 3 of 22	Burt Cardon, SR1, 16mm mag track
Box 3 of 22	Burt Cardon, SR2, 16mm mag track
Box 3 of 22	Burt Cardon, SR5, 16mm mag track
Box 3 of 22	Cardon/Halley, 16mm mag track
Box 3 of 22	EP, 16mm mag track
Box 3 of 22	Track 1, 16mm film
Box 3 of 22	Track 2, 16mm film
Box 3 of 22	Track 3, 16mm film
Box 3 of 22	Track 4, 16mm mag track
Box 3 of 22	Dinks, 16mm film

Box 3 of 22	Twinkles, 16mm film
Box 3 of 22	Picture, 16mm film
Box 3 of 22	Mix, 16 mm mag track
Box 3 of 22	Black hole, 16mm mag track
Box 3 of 22	Miscellaneous, 16mm film
Box 3 of 22	Camera roll 3, 16mm negative
Box 3 of 22	Camera roll 30, 16mm negative

Box 4

Box 4 of 22	Color corrected print, 16mm color positive
Box 4 of 22	15 cents, 16mm color positive
Box 4 of 22	Bubbles Festival
Box 4 of 22	Reel 1, Pix code HHHA, CR1, 16mm film
Box 4 of 22	Reel 2, Pix code HHHB, CR 2-3, 16mm film
Box 4 of 22	Reel 3, Pix code HHHC, CR 4-6, 16mm film
Box 4 of 22	Reel 4, Pix code HHHD, CR 7-9, 16mm film
Box 4 of 22	Reel 5, Pix code HHHE, CR 9-11, 16mm film
Box 4 of 22	Reel 6, Pix code HHHE, CR 12-14, 16mm film

Box 5

Box 5 of 22	Reel 7, Pix code HHHG, CR 15-17, 16mm film
Box 5 of 22	Reel 8, Pix code HHHH, CR 15, 18-20, 16mm film
Box 5 of 22	Reel 9, Pix code HHHJ, 16mm film
Box 5 of 22	Reel 11, Pix code HHBB, 16mm film
Box 5 of 22	Reel 1, Track code HHHA, CR 1, 16mm mag track
Box 5 of 22	Reel 2, Track code HHHB, CR 2-3, 16mm mag track

Box 5 of 22	Reel 3, Track code HHHC, CR 4-6, 16mm mag track
Box 5 of 22	Reel 4, Track code HHHC, CR 7-9, 16mm mag track
Box 5 of 22	Reel 5, Track code HHHE, CR 9-11, 16mm mag track
Box 6	
Box 6 of 22	Reel 6, Track code HHHF, CR 12-14, 16mm mag track
Box 6 of 22	Reel 7, Track code HHHG, CR 15-17, 16mm mag track
Box 6 of 22	Reel 8, Track code HHHH, CR 15, 18-20, 16mm mag track
Box 6 of 22	Reel 9, Track code HHHJ, 16mm mag track
Box 6 of 22	Reel 11, Track code HHBB, 16mm mag track
Box 6 of 22	Camera rolls 1-3, 16mm negative
Box 6 of 22	Camera rolls 4-6, 16mm negative
Box 6 of 22	Camera rolls 7-9, 16mm negative
Box 6 of 22	Camera rolls 10-12, 16mm negative
Box 7	
Box 7 of 22	Camera rolls 13, 15, 16, 16mm negative
Box 7 of 22	Camera rolls 17-19, 16mm negative
Box 7 of 22	Camera rolls 20-22, 16mm negative
Box 7 of 22	Camera rolls 23-25, 16mm negative (2 cans)
Box 7 of 22	Camera rolls 26-28, 16mm negative
Box 7 of 22	Camera roll 32, 16mm negative
Box 7 of 22	Camera rolls 31, 33, 16mm negative
Box 7 of 22	Camera rolls 34, 35, 36, 16mm negative
Box 7 of 22	Congress 88
Box 7 of 22	Taut Strings - Reels 1-9, 16mm negative



Box 8

Box 8 of 22	Congress 90
Box 8 of 22	Camera rolls 1-3, 16mm negative
Box 8 of 22	Camera rolls 4-5, 16mm negative
Box 8 of 22	Molecules in Space animation, 16mm negative (3 cans)
Box 8 of 22	Parallax 5
Box 8 of 22	Audio masters, Reels 1-60, 1/4" audiotape
Box 8 of 22	Final narration, 1/4 audiotape
Box 8 of 22	Voice over with Jim, audiocassette

Box 9

Box 9 of 22	Roll 1, Camera original, 16mm color negative
Box 9 of 22	Roll 2, Camera original, 16mm color negative
Box 9 of 22	Roll 3, Camera original, 16mm color negative
Box 9 of 22	Roll 9, Camera original, 16mm color negative
Box 9 of 22	Roll 10, Camera original, 16mm color negative
Box 9 of 22	Roll 11, Camera original, 16mm color negative
Box 9 of 22	Roll 12, Camera original, 16mm color negative
Box 9 of 22	Roll 13, Camera original, 16mm color negative
Box 9 of 22	Roll 14, Camera original, 16mm color negative
Box 9 of 22	Roll 15, Camera original, 16mm color negative
Box 9 of 22	Roll 16, Camera original, 16mm color negative
Box 9 of 22	Roll 16, Camera original, 16mm color negative
Box 9 of 22	Roll 17, Camera original, 16mm color negative
Box 9 of 22	Roll 18, Camera original, 16mm color negative

Box 9 of 22	Roll 19, Camera original, 16mm color negative
Box 9 of 22	Roll 20, Camera original, 16mm color negative
Box 9 of 22	Roll 21, Camera original, 16mm color negative
Box 9 of 22	Roll 24, Camera original, 16mm color negative
Box 9 of 22	Roll 25, Camera original, 16mm color negative

Box 10

Box 10 of 22	Roll 4, Camera original, 16mm color negative
Box 10 of 22	Roll 5, Camera original, 16mm color negative
Box 10 of 22	Roll 6, Camera original, 16mm color negative
Box 10 of 22	Roll 7, Camera original, 16mm color negative
Box 10 of 22	Roll 8, Camera original, 16mm color negative
Box 10 of 22	Roll 22, Camera original, 16mm color negative
Box 10 of 22	Roll 23, Camera original, 16mm color negative
Box 10 of 22	Roll 28, Camera original, 16mm color negative
Box 10 of 22	Roll 29, Camera original, 16mm color negative
Box 10 of 22	Roll 30, Camera original, 16mm color negative
Box 10 of 22	Roll 38, Camera original, 16mm color negative
Box 10 of 22	Roll 39, Camera original, 16mm color negative
Box 10 of 22	Roll 42, Camera original, 16mm color negative
Box 10 of 22	Roll 43, Camera original, 16mm color negative

Box 11

Box 11 of 22	Roll 34, Camera original, 16mm color negative
Box 11 of 22	Roll 35, Camera original, 16mm color negative
Box 11 of 22	Roll 36, Camera original, 16mm color negative

Box 11 of 22	Roll 37, Camera original, 16mm color negative
Box 11 of 22	Roll 40, Camera original, 16mm color negative
Box 11 of 22	Roll 41, Camera original, 16mm color negative
Box 11 of 22	Roll 44, Camera original, 16mm color negative
Box 11 of 22	Roll 45, Camera original, 16mm color negative
Box 11 of 22	Roll 46, Camera original, 16mm color negative
Box 11 of 22	Roll 47, Camera original, 16mm color negative
Box 11 of 22	Roll 48, Camera original, 16mm color negative
Box 11 of 22	Roll 49, Camera original, 16mm color negative
Box 11 of 22	Roll 50, Camera original, 16mm color negative
Box 12	
Box 12 of 22	Roll 26, Camera original, 16mm color negative
Box 12 of 22	Roll 27, Camera original, 16mm color negative
Box 12 of 22	Roll 31, Camera original, 16mm color negative
Box 12 of 22	Roll 32, Camera original, 16mm color negative
Box 12 of 22	Roll 33, Camera original, 16mm color negative
Box 12 of 22	Roll 57, Camera original, 16mm color negative
Box 12 of 22	Roll 58, Camera original, 16mm color negative
Box 12 of 22	Roll 59, Camera original, 16mm color negative
Box 12 of 22	Roll 60, Camera original, 16mm color negative
Box 12 of 22	Roll 61, Camera original, 16mm color negative
Box 12 of 22	Roll 62, Camera original, 16mm color negative
Box 12 of 22	Roll 63, Camera original, 16mm color negative
Box 12 of 22	Roll 64, Camera original, 16mm color negative

Box 12 of 22	Roll 65, Camera original, 16mm color negative
Box 12 of 22	Roll 66, Camera original, 16mm color negative
Box 12 of 22	Roll 67, Camera original, 16mm color negative
Box 12 of 22	Roll 72, Camera original, 16mm color negative
Box 12 of 22	Roll 73, Camera original, 16mm color negative

Box 13

Box 13 of 22	Roll 51, Camera original, 16mm color negative
Box 13 of 22	Roll 52, Camera original, 16mm color negative
Box 13 of 22	Roll 53, Camera original, 16mm color negative
Box 13 of 22	Roll 54, Camera original, 16mm color negative
Box 13 of 22	Roll 55, Camera original, 16mm color negative
Box 13 of 22	Roll 56, Camera original, 16mm color negative
Box 13 of 22	Roll 68, Camera original, 16mm color negative
Box 13 of 22	Roll 69, Camera original, 16mm color negative
Box 13 of 22	Roll 70, Camera original, 16mm color negative
Box 13 of 22	Roll 71, Camera original, 16mm color negative
Box 13 of 22	Roll 74, Camera original, 16mm color negative
Box 13 of 22	Roll 75, Camera original, 16mm color negative
Box 13 of 22	Rolls 76-80, Camera originals, 16mm color negative
Box 13 of 22	Roll 81, Camera original, 16mm color negative
Box 13 of 22	Roll 82, Camera original, 16mm color negative

Box 14

Box 14 of 22	Rolls 94-97, Camera originals, 16mm color negative
Box 14 of 22	Roll 98, Camera original, 16mm color negative

Box 14 of 22	Roll 99, Camera original, 16mm color negative
Box 14 of 22	Rolls 100-102, Camera originals, 16mm color negative
Box 14 of 22	Roll 103, Camera original, 16mm color negative
Box 14 of 22	Roll 104, Camera original, 16mm color negative
Box 14 of 22	Roll 105, Camera original, 16mm color negative
Box 14 of 22	Roll 106, Camera original, 16mm color negative
Box 14 of 22	Roll 107, Camera original, 16mm color negative
Box 14 of 22	Roll 108, Camera original, 16mm color negative
Box 14 of 22	Roll 109, Camera original, 16mm color negative
Box 14 of 22	Roll 110, Camera original, 16mm color negative
Box 14 of 22	Roll 111, Camera original, 16mm color negative
Box 14 of 22	Roll 112, Camera original, 16mm color negative
Box 14 of 22	Roll 113, Camera original, 16mm color negative
Box 14 of 22	Roll 115, Camera original, 16mm color negative
Box 15	
Box 15 of 22	Roll 83, Camera original, 16mm color negative
Box 15 of 22	Roll 84, Camera original, 16mm color negative
Box 15 of 22	Roll 85, Camera original, 16mm color negative
Box 15 of 22	Rolls 86-89, Camera originals, 16mm color negative
Box 15 of 22	Rolls 90-92, Camera originals, 16mm color negative
Box 15 of 22	Roll 93, Camera original, 16mm color negative
Box 15 of 22	Roll 114, Camera original, 16mm color negative
Box 15 of 22	Roll 116, Camera original, 16mm color negative
Box 15 of 22	Roll 117, Camera original, 16mm color negative

Box 15 of 22	Roll 118, Camera original, 16mm color negative
Box 15 of 22	Roll 119, Camera original, 16mm color negative
Box 15 of 22	Roll 120, Camera original, 16mm color negative
Box 15 of 22	Roll 121, Camera original, 16mm color negative
Box 16	
Box 16 of 22	Sound reel 1, dub, 16mm mag track
Box 16 of 22	Sound reel 2, dub, 16mm mag track
Box 16 of 22	Sound reel 3, dub, 16mm mag track
Box 16 of 22	Mix, reel 1, 1989, 1/4" audiotape
Box 16 of 22	Mix, reel 2, 1989, 1/4" audiotape
Box 16 of 22	Mix, reel 3, 1989, 1/4" audiotape
Box 16 of 22	Final narration, reel 1, 1989, 1/4" audiotape
Box 16 of 22	Narrative pick-ups, 1989, 1/4" audiotape
Box 16 of 22	Folder - Shot list
Box 17	
Box 17 of 22	Music bridge - Composer, Javier Pico, September 11, 1989, 1/4" audiotape
Box 17 of 22	Reel 3 - Music, A and B roll master, 16mm film
Box 17 of 22	Reel 3 - Ambience A, A and B roll master, 16m film
Box 17 of 22	Reel 3 - Ambience B, A and B roll master, 16m film
Box 17 of 22	"Opening" (M1) and "Tango" (M5), Jim Latham, 1/4" audiotape
Box 17 of 22	Folder - Music and sound notes
Box 17 of 22	Folder - Rerecording cue sheets
Box 17 of 22	Formation of the Moon
Box 17 of 22	Rolls 1-3, Camera originals, 16mm color positive

Box 17 of 22	Rolls 4-7, Camera originals, 16mm color positive
Box 17 of 22	Rolls 8-11, Camera originals, 16mm color positive
Box 17 of 22	Rolls 12-15, Camera originals, 16mm color positive
Box 17 of 22	Print from A and B rolls, 1990
Box 17 of 22	Folder - Roll list
Box 18	
Box 18 of 22	Rolls, 16mm negative (2 cans)
Box 18 of 22	Project Xerox
Box 18 of 22	Roll 1 - Andrew Ory, May 1, 1987, 1/4" audiotape
Box 18 of 22	A Galaxy is Born
Box 18 of 22	Reels 1-2, Camera negative, 16mm color negative
Box 18 of 22	Ox Test
Box 18 of 22	Reel 1, Camera negative
Box 18 of 22	Slice of the Universe
Box 18 of 22	Roll 1, camera negative, 16mm color negative
Box 18 of 22	Roll 3, camera negative, 16mm color negative
Box 18 of 22	Ostro
Box 18 of 22	Computer generated images, camera negative
Box 18 of 22	Galaxy Genesis
Box 18 of 22	Reel 1, Camera negative
Box 18 of 22	Smithsonian Maps the Universe
Box 18 of 22	Roll 1, original camera negative, 16mm color negative
Box 18 of 22	Cameron animation titles and models, 16mm color negative
Box 18 of 22	Roll, 16mm color positive

Box 18 of 22	Sound, 16mm mag track
Box 18 of 22	Geller narration, Roll 4, 16mm mag track
Box 18 of 22	Geller interview, Roll 1, wild sound, 16mm mag track
Box 19	
Box 19 of 22	Geller interview, Roll 2, wild sound, 16mm mag track
Box 19 of 22	Geller interview, Roll 3, 16mm mag track
Box 19 of 22	Geller interview, Roll 5, 16mm mag track
Box 19 of 22	Geller interview, Roll 6, 16mm mag track
Box 19 of 22	Geller interview, Roll 7, 16mm mag track
Box 19 of 22	Geller interview, Roll 8, 16mm mag track
Box 19 of 22	Geller outs, 16mm mag tack
Box 19 of 22	Geller narration and wild sound, 16mm mag track
Box 20	
Box 20 of 22	Private Universe Project
Box 20 of 22	Session 1, Closed captioned master, TRT: 1:00:31, March 29, 1995, 1" videotape
Box 20 of 22	Session 2, Closed captioned master, TRT: 1:20:56, March 29, 1995, 1" videotape
Box 20 of 22	Session 3, Closed captioned master, TRT: 1:23:00, March 29, 1995, 1" videotape
Box 20 of 22	Session 4, Closed captioned master, TRT: 1:22:38, March 29, 1995, 1" videotape
Box 21	
Box 21 of 22	Session 5, Closed captioned master, TRT: 1:19:14, April 3, 1995, 1" videotape
Box 21 of 22	Session 6, Closed captioned master, TRT: 1:28:29, March 29, 1995, 1" videotape



Box 21 of 22	Session 7, Closed captioned master, TRT: 1:26:35, March 29, 1995, 1" videotape
Box 21 of 22	Session 8, Closed captioned master, TRT: 1:24:02, March 29, 1995, 1" videotape
Box 21 of 22	Session 9, Closed captioned master, TRT: 1:21:52, March 29, 1995, 1" videotape
Box 22	
Box 22 of 22	Miscellaneous
Box 22 of 22	Inflationary U. - Alan Lightman voiceover track, 16mm mag track (2 cans)
Box 22 of 22	The Black Hole - Animation, camera original reversal, 16mm film (2 cans)