

# Seven for Developers Filmakers

Otlberglund



We are uncovering better ways of developing software by doing it and helping others do it. Through this work we have come to value:

Individuals and interactions over processes and tools
Working software over comprehensive documentation
Customer collaboration over contract negotiation
Responding to change over following a plan

That is, while there is value in the items on the right, we value the items on the left more.

# Film Process

 Development Pre-production Production Post-Production Distribution







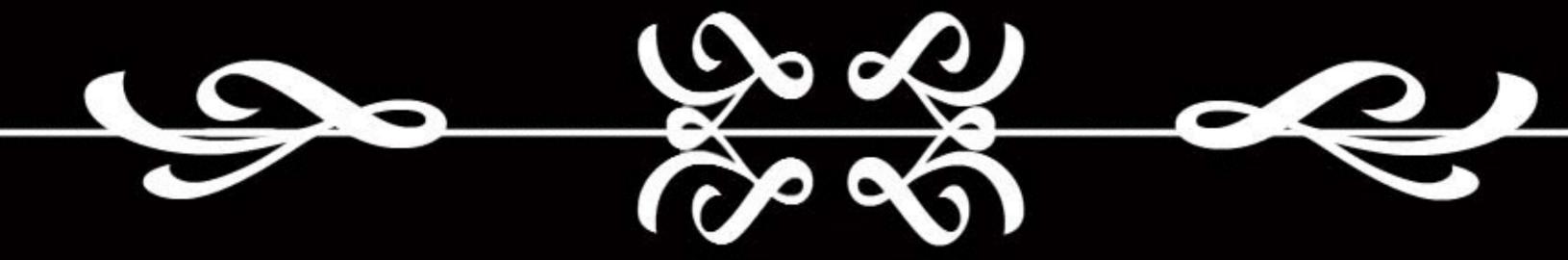
# Apocalypse Now

- Constant challenges
- Constant rewriting
- Consistent vision
- Lots of refactoring ("editing")

# Technology-

# 

### Talkies





# Color

- 1922: two-color Technicolor process
- 1930: 36 films under Technicolor contract
- 1932: retooled "three-strip" process
- 1936: Garden of Allah
- 1938: Adventures of Robin Hood





# Digital

- 1993: Avid, the first digital NLE
- 2000: O Brother Where Art Thou
- 2002: Star Wars Attack of the Clones or something
- Today: Nolan, Tarantino, Spielberg, Scorsese

# Technology Change

- Periods of innovation
- Periods of stasis
- Resistance at inflection points
- Success is not technical
- Form over content



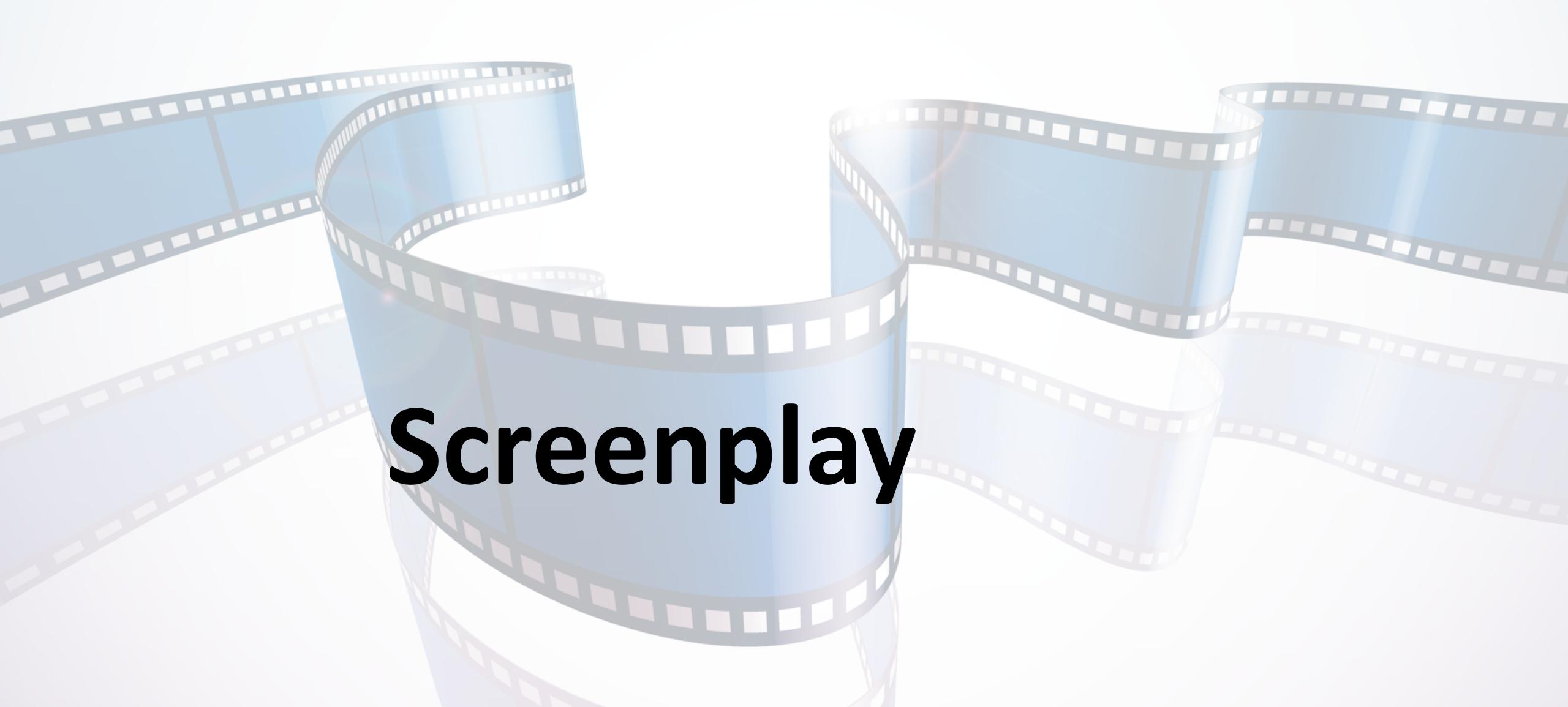
# FIRST ALLTHE PRODUCT OWNERS

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# Leadership

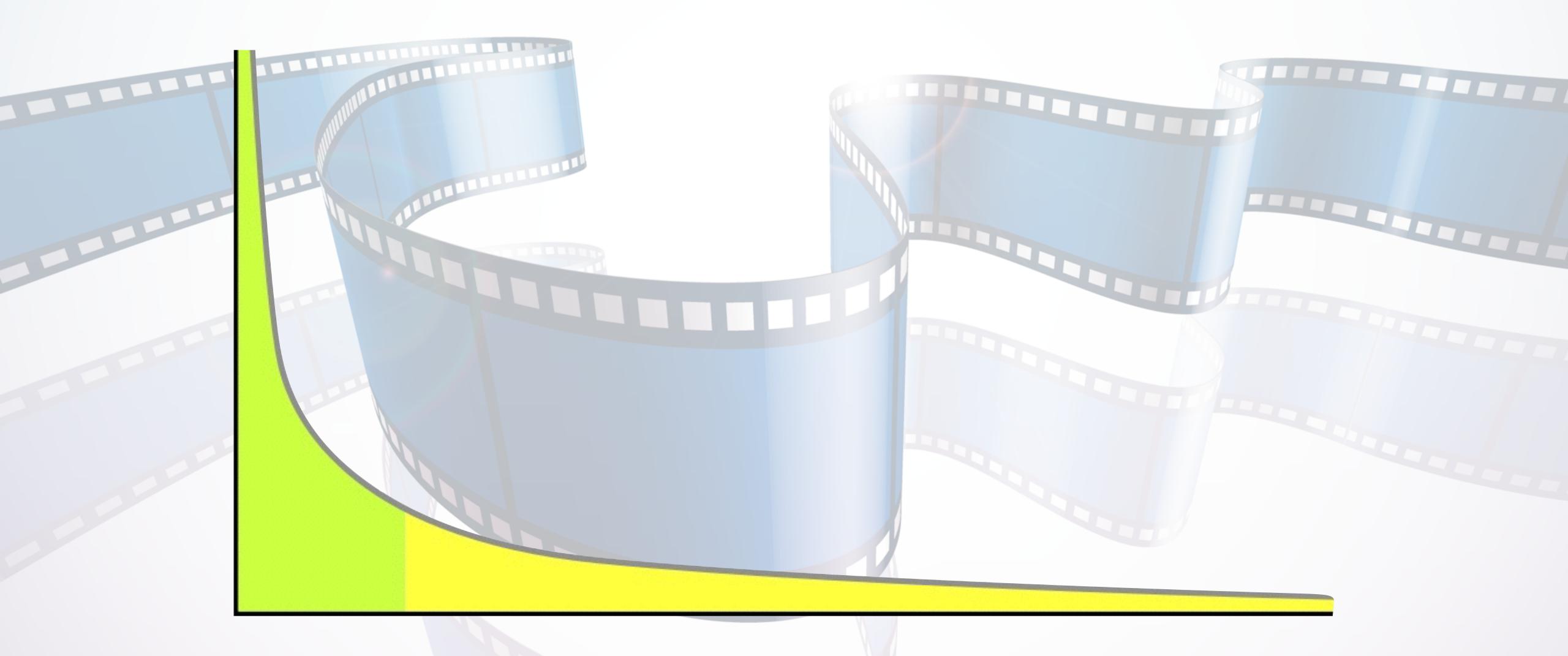


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# The Power Law Actor



# Talent

- Talent is not evenly distributed
- Recognition is not evenly distributed
- Make friends with Dr. Pareto
- Never let this stop you



Supervising Art Director DAVID KLASSEN

Art Directors RICHARD F. MAYS

SUZAN WEXLER

Assistant Art Director MICHAEL E. GOLDMAN

Set Decorator LAURI GAFFIN

Assistant Set Decorator FLORENCE FELLMAN

Additional Photography by GABRIEL BERISTAIN

Steadicam Operator/Camera Operator COLIN ANDERSON

First Assistant Camera PETER BERGLUND

Second Assistant Camera MATT STENERSON

B-Camera First Assistant TAYLOR MATHESON

B-Camera Second Assistant JOEY O'DONNELL

Camera Loader GARY BEVANS

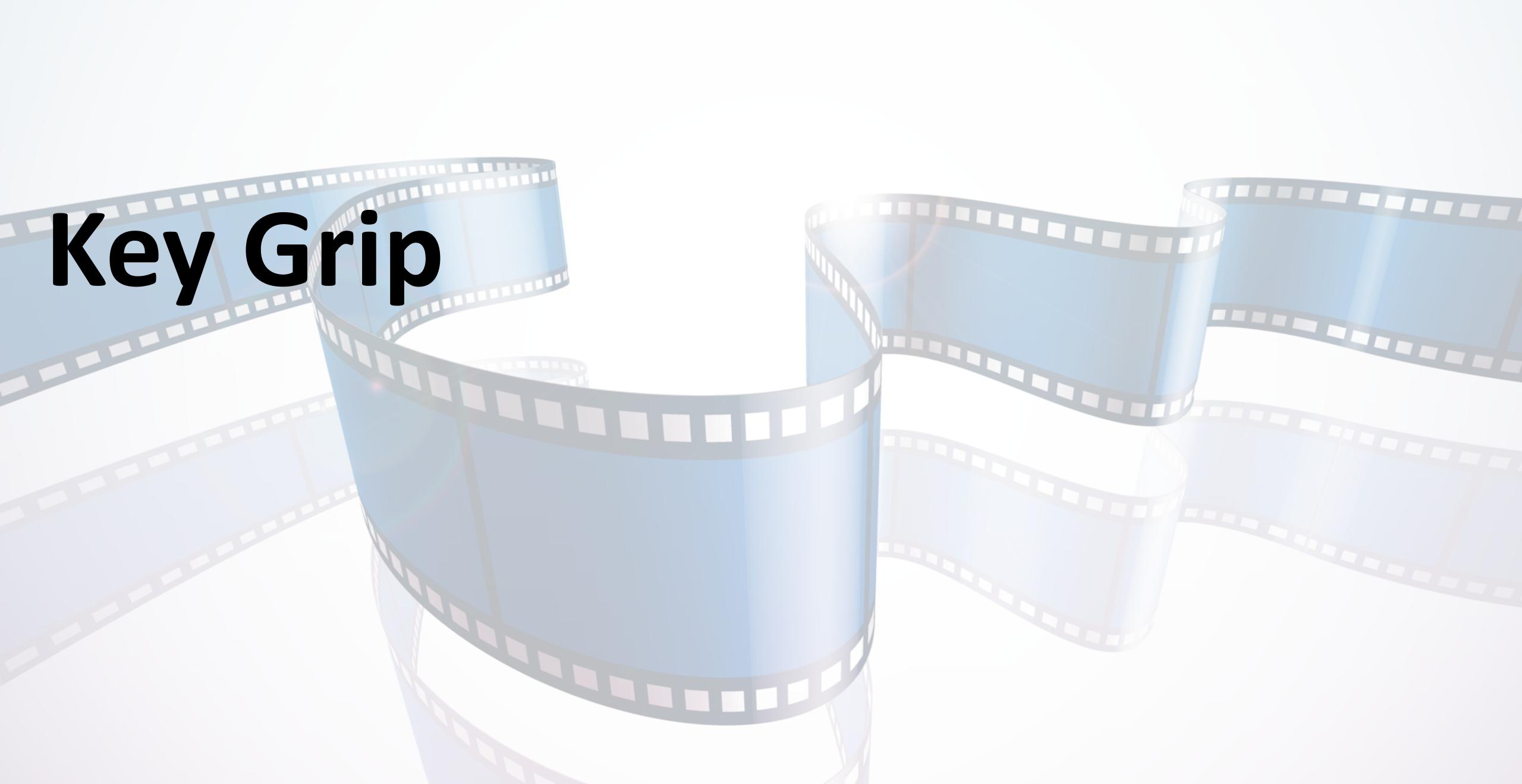
Additional Camera Operators GARY HATFIELD • KEITH SOLOMON

Additional Camera Assistants MARK SANTONI - ROCKY BABCOCK

LIAM SINNOTT • MARK STRASBURG

RICH MORIARTY • ROBERT BAIRD

Script Supervisors CRISTINA WEIGMANN

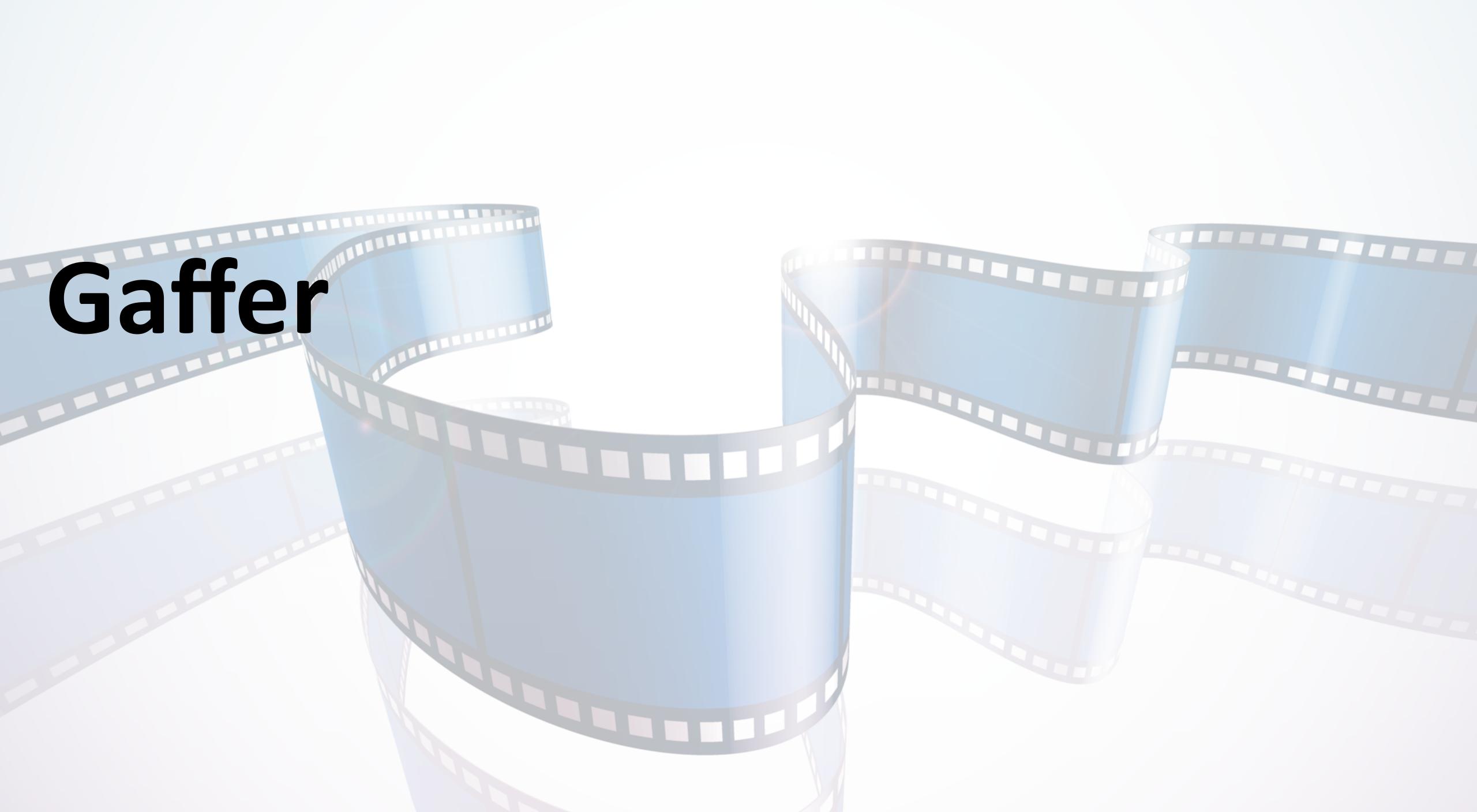








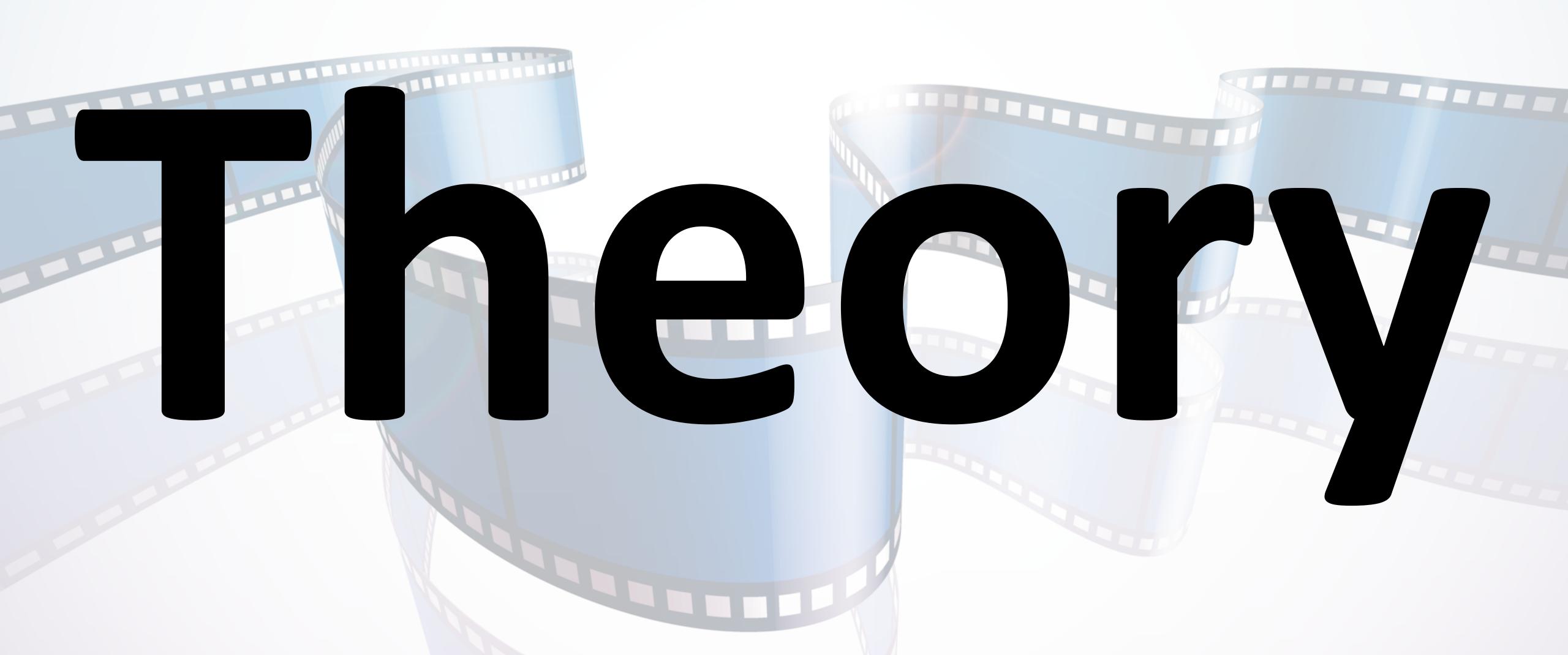






#### Specialization

- Required by complexity
- Encouraged by unionization (in film)
- Not just for insects anymore
- Useless without vision



## Film Theory

- What film is
- What film means
- Film's relationship to other arts
- Film's relationship to reality
- Film's relationship to the viewer

# Film Theory



# Film Theory





http://filmmakeriq.com/2014/02/the-history-of-cutting-the-soviet-theory-of-montage/



# Software Theory

- We don't have one of these
- We could use one
- It's okay, film doesn't have "one" either...

#### Software Theory

- What software is
- Software's relationship to other arts
- Software's relationship to other kinds of tools
- Software's relationship to information
- Software's relationship to material reality
- Software's relationship to the user



I was always a filmmaker before I was anything else. If I was always anything, I was a storyteller, and it never really made much of a difference to me what medium I worked in.

- Nicholas Meyer



