



central digital lab



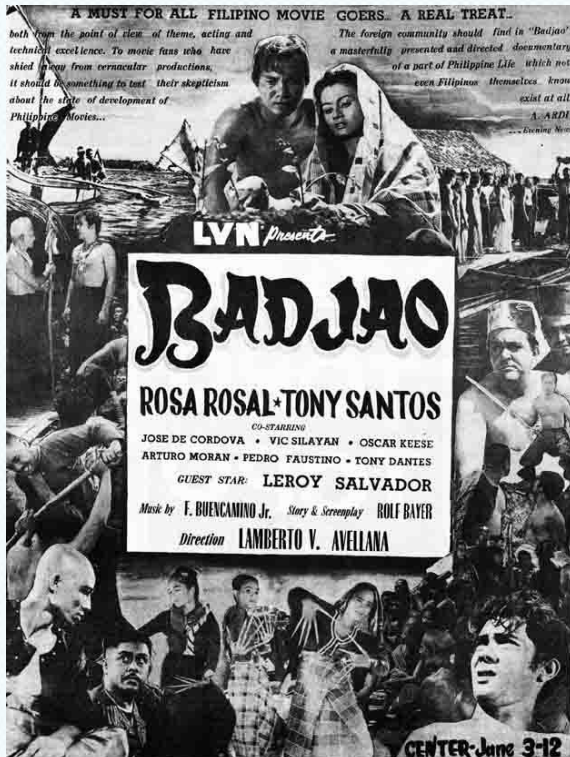
A Presentation of the
Digital Film Restoration
of Philippine Cinema

by Ma. Marta Ines A Dayrit

President / CEO

Central Digital Lab, Inc.

100 Years of Film in the Philippines



100 Years of Film in the Philippines



100 Years of Film in the Philippines



Film Laboratory Practices and Printing Conditions in the Philippines

- Time and Budget constraints affected the quality of film productions
 - No budget for creating dupe negatives
 - Shots for film trailers were lifted from the assembled negatives of the main picture creating “Butterflies”
 - Multiple release copies were printed from the original negatives



Film Laboratory Practices and Printing Conditions in the Philippines

- The overall environment was not clean or conducive to negative handling
- Storage conditions were often substandard due to the space and maintenance costs



Philippine Cinema's Archival Situation

- Film Archives of the Philippines (FAP), the first national film archive ever funded by the state was established by the Marcos government in 1982 and shut down after the regime's ouster in 1986.



Philippine Cinema's Archival Situation



Cultural Center of the Philippines



PIA



UNIVERSITY OF THE PHILIPPINES
FILM INSTITUTE



NCCA

Government and Academic Institutions



MOWELFUND
SINCE 1974



Private and Industry-based Institutions



ABS-CBN



Non-governmental and Private Individuals

- The absence of a national archive led to an era of cooperation and collaboration among the archivists in the country



Philippine Cinema's Archival Situation

- In 2011, the National Film Archives of the Philippines was re-established under the Film Development Council of the Philippines



NATIONAL
FILM
ARCHIVE OF THE
PHILIPPINES

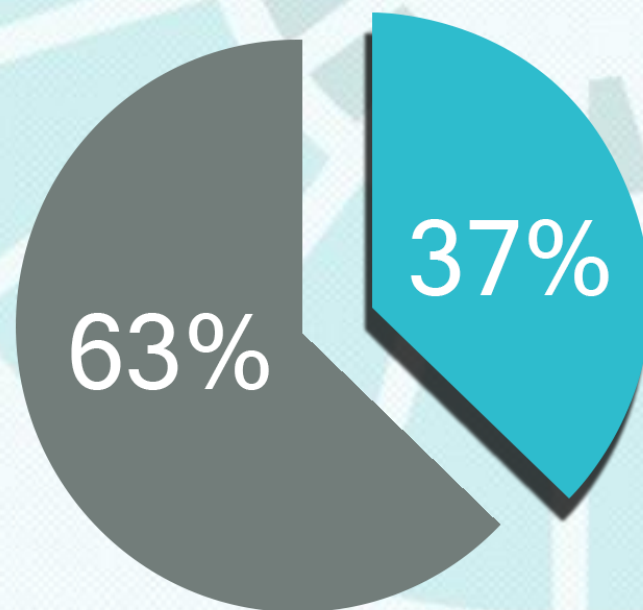


Philippine Cinema's Archival Situation

“It is estimated that only 37% of domestically-produced films survive (3,000 titles from approximately 8,000 works) since the introduction of the cinematograph in 1897.”

-Bliss Cua Lim

Archival Fragility: Philippine Cinema
and the Challenge of Sustainable Preservation
(2013)



Philippine Cinema's Archival Situation



“Vinegar Syndrome is inescapable, and the only thing we have to do is to slow down the process of decomposition. Our only solution right now is to digitize prints and protect them from moisture, which is actually the main enemy of film.”

- Mary del Pilar, ABS-CBN Film Archives
Saving Face, Issues in Film Preservation and Archiving
by Myta Santiago (2010)



Private Initiatives

central digital lab



Central Digital Lab

- The Restoration Team is headed by specialists in Film and Digital post production



DIGITAL FILM RESTORATION WORKFLOW PROCESS

01
PHYSICAL CHECKING OF
NEGATIVES



02
FILM SCANNING



03
DIGITAL FILM
RESTORATION



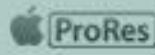
04
COLOR
GRADING



05
AUDIO
RESTORATION



06
DELIVERY OF FINAL OUTPUT
(DCP, APPLE PRORES, MP4, HD CAM TAPES, DUB OUT)



Dust



ORIGINAL



RESTORED



Scratch



ORIGINAL



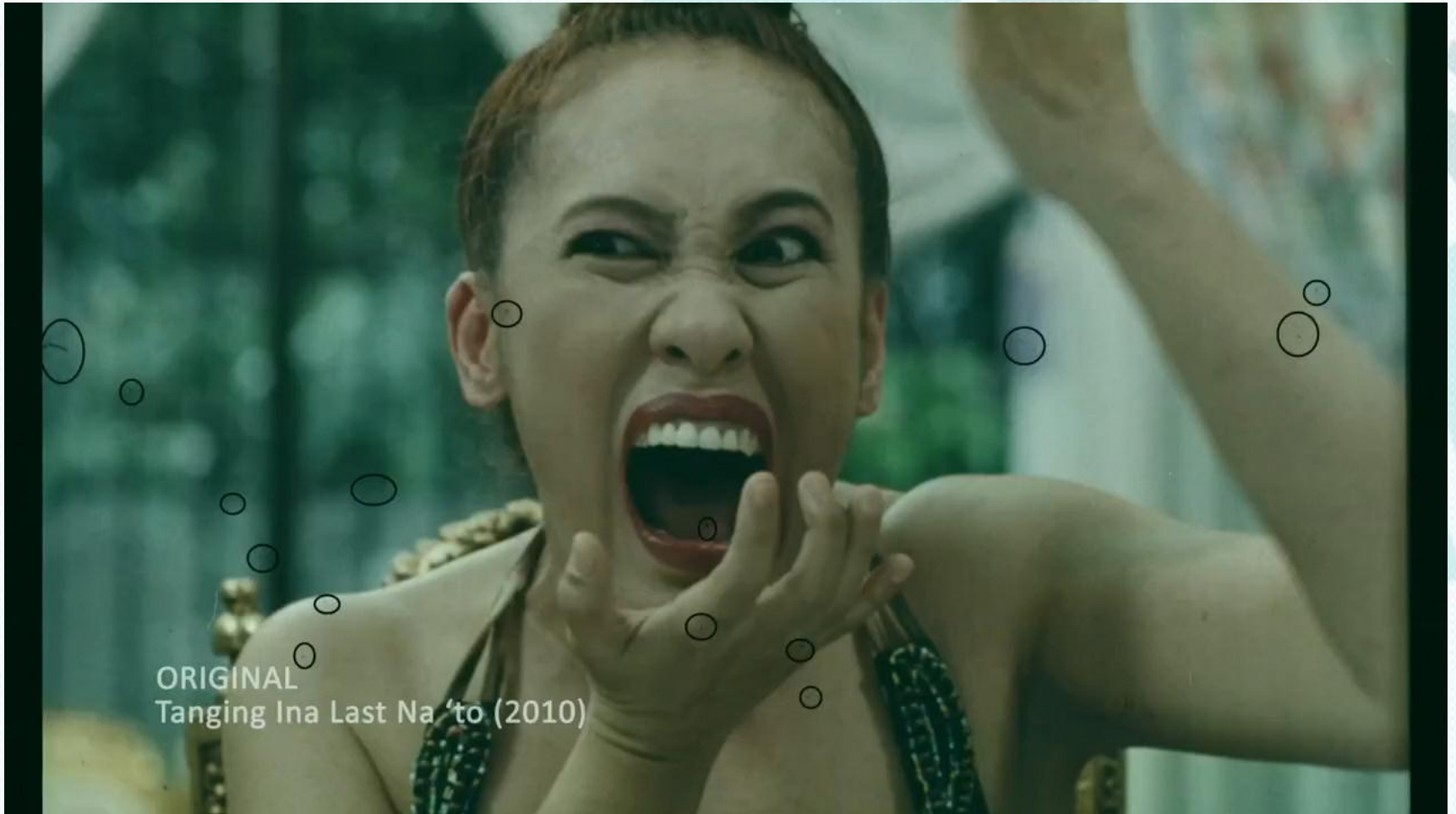
RESTORED

Unsteadiness

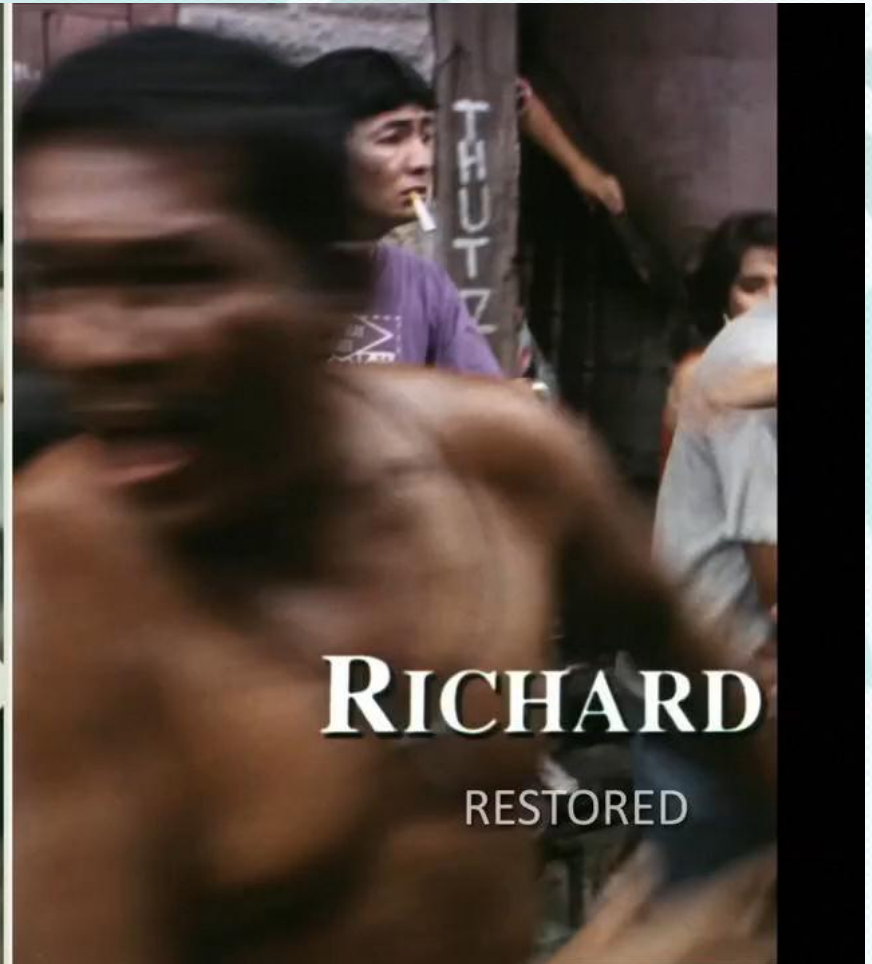


ORIGINAL
Nagsimula Sa Puso (1990)

Camera Dirt



Hair in the Gate



Change Over Marks



ORIGINAL



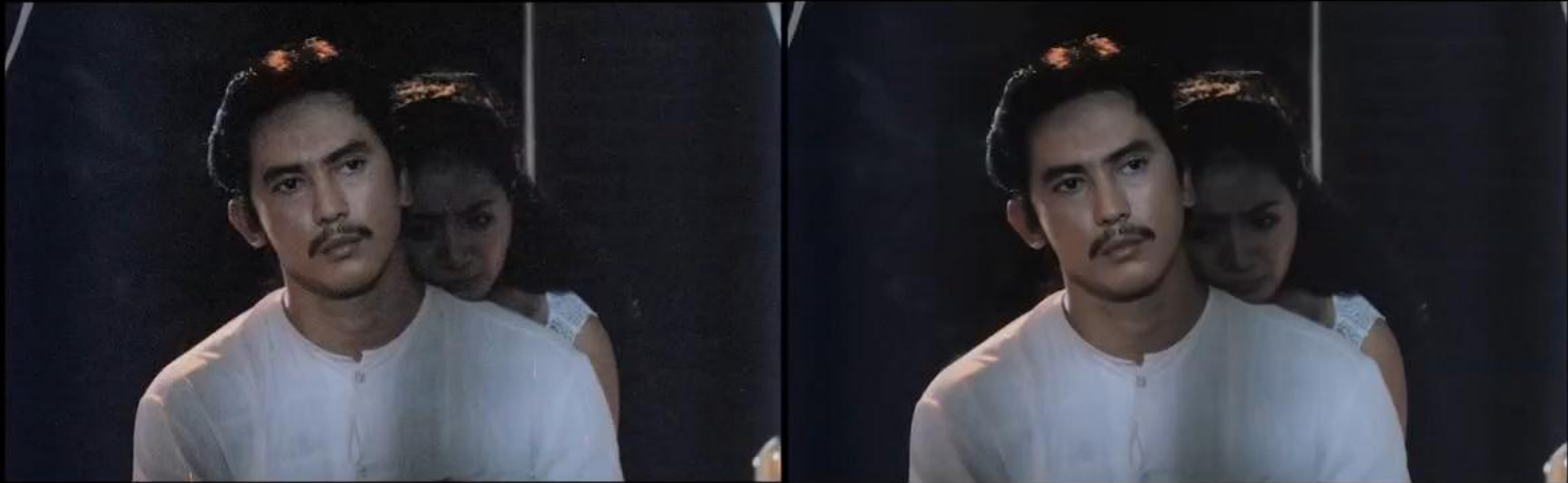
RESTORED



Splice Marks



Flicker



ORIGINAL

RESTORED

Film Bump



ORIGINAL

RESTORED

Breathing



ORIGINAL



RESTORED



Warp



ORIGINAL



RESTORED



Film Tear



ORIGINAL



RESTORED



Butterfly



ORIGINAL
Home Along Da Riles (1993)

Color Stain



ORIGINAL



RESTORED

Mold



ORIGINAL



RESTORED

133 Titles Restored

Zamboanga Test - Scan



Zamboanga Test - Graded



Zamboanga Test - Graded & Restored



Zamboanga Test



Thank you very much!