



FILMOTEKA NARODOWA

FILMOTEKA NARODOWA
NATIONAL FILM ARCHIVE IN POLAND



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NATIONAL FILM ARCHIVE IN POLAND

- is a national cultural institution financed from the state budget and is subordinated directly to the Minister of Culture and National Heritage
- since the beginning (1955) is a member of **FIAF** (The International Federation of Film Archives)
- since 2009 is a member of **ACE** (Association des Cinémathèques Européennes)
- is a partner of the **LOST FILMS**, and hopefully shortly EFG and Europeana

THE COLLECTION ASSETS OF FILMOTEKA NARODOWA

- **Polish feature films** on film reels from 1908 to present – 2,000 titles, including the most valuable collection of 160 feature film from **pre-war titles**
- **Polish documentary & short films** on film reels – over 100,000 titles
- **foreign films** – 15,000 titles
- **stills** from about 25,000 Polish and foreign film titles



THE COLLECTION OF FILMOTEKA NARODOWA

- **film posters** – 25,000
- **film theory books** – 26,000 volumes
- **film periodicals** – 1,000 titles
- **literary materials** - screenplays, shooting scripts, subtitles, editing lists, dialogue lists – 30,000 items
- **exclusive copyrights** in more than 300 Polish feature films and nearly 870 Polish documentary and animated films



NITROFILM

www.nitrofilm.pl

**CONSERVATION AND DIGITALISATION OF PRE-WAR
FEATURE FILMS AT THE NATIONAL FILM ARCHIVE IN
WARSAW**

Archiving

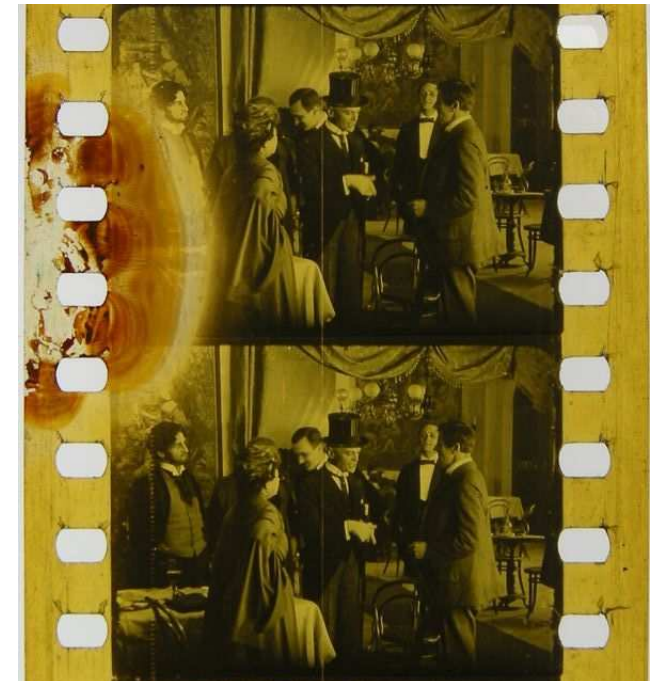
- The resources of Filmoteka Narodowa include a unique collection of **160 Polish pre-war feature films**.
- Owing to more than 50-year long busy activity of our archive we managed to bring over **70% of pre-war sound films and only 5% of silent films back to the Polish heritage**.
- The most valuable part of the collection are **flammable nitrate films**.

NITROFILM



OBJECTIVES OF THE PROJECT:

- **Long-term preservation and provision of a public access to the collection of Polish pre-war cinema.**
- **Creation of the only Polish workshop specializing in digitization and restoration of films.**
- **Digitization and execution of digital version of 43 Polish pre-war feature films.**
- **Complete digital restoration of 3 films.**
- **Formal premieres** of restored films with especially composed music.
- **Scientific conference** devoted to conservation, restoration and digitization of nitrate films.



CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS AT THE NATIONAL FILM ARCHIVE IN WARSAW

Thanks to new conservatory devices and tools Filmoteka Narodowa -for the first time in Poland- perform complex conservation, digitalization and restoration of the oldest films.



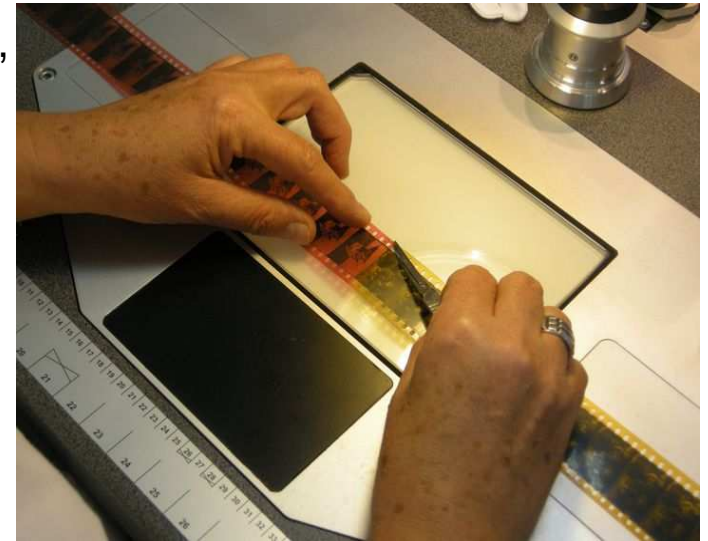
CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
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THREE FILMS WILL UNDERGO A COMPLETE RECONSTRUCTION:

'Mania. Historia pracownicy fabryki papierosów',
dir. Eugen Iller, Germany 1918

'Pan Tadeusz', dir. Ryszard Ordyński, Poland 1928

'Zew morza', dir. Henryk Szaro, Poland 1927



CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
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THE FIRST STEP TOWARD DIGITAL REPOSITORY OF THE POLISH FILMS



- Conservation of 43 nitrates prints - film repairing, comparing and cleaning,
- 4K digitalization,
- 4K new digital reels,
- „Eternal archive” – new 35mm reels digitally printed



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DIGITAL RESTORATION



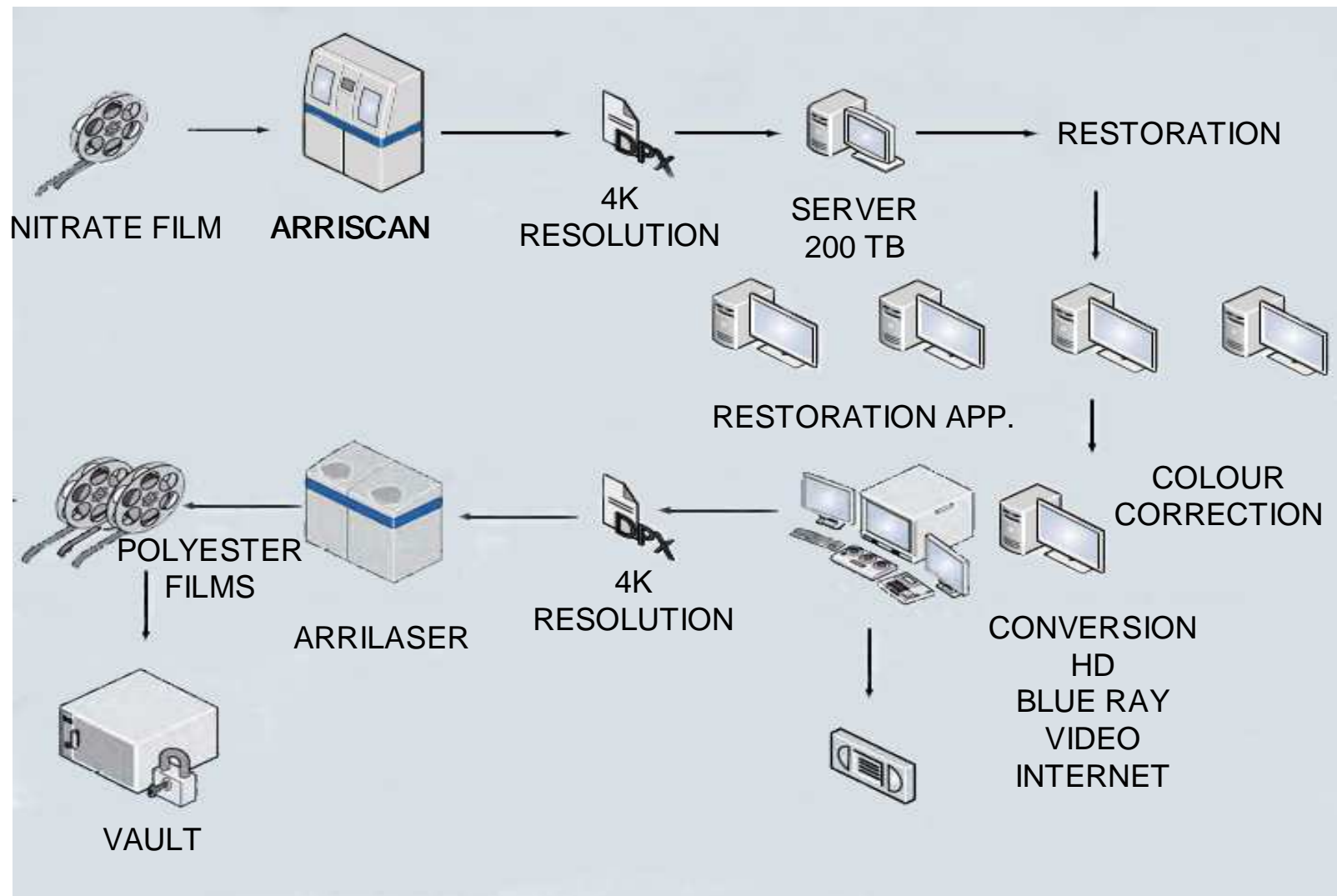
THE FILM RESTORATION LAB

Digital treatment of image by dedicated software to eliminate some physical damage of the film.



**CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
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DEVELOPMENT OF TECHNICAL SUPPORT – DIGITAL SYSTEMS WORKFLOW



**CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
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DIGITALIZATION OF FILMS TO THE FILE FORMAT FILES TV/2K/4K INTERNET

4K



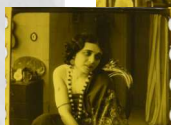
HD TV /2K



DVD < PAL = TV



INTERNET



**CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
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THE SELECTION OF ARCHIVAL MATERIALS



Film analysis to chose the best prints for restoration.

CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS AT THE NATIONAL FILM ARCHIVE IN WARSAW

Negative - Interpositive - Duplicate negative - Positive

1 generation

2 generation

3 generation

4 generation



The original of Lost



Existing material



Film generations

CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
AT THE NATIONAL FILM ARCHIVE IN WARSAW

'MANIA. HISTORIA PRACOWNICY FABRYKI PAPIEROSÓW'
'MANIA. DIE GESCHICHTE EINER ZIGARETTENARBEITERIN'
dir. Eugen Illes, Germany 1918



**CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
AT THE NATIONAL FILM ARCHIVE IN WARSAW**

PHISYCAL DAMAGE



Scratching, base damage



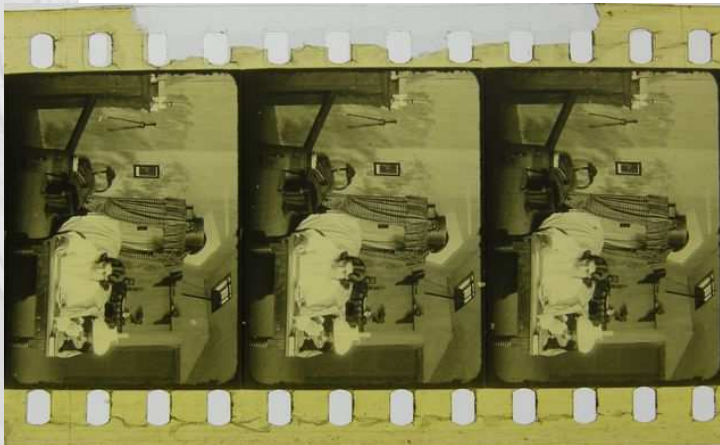
Old splices

CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
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PHYSICAL DAMAGE



Old repairs



Perforation damage



Perforation and film damage

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PHISYCAL DAMAGE



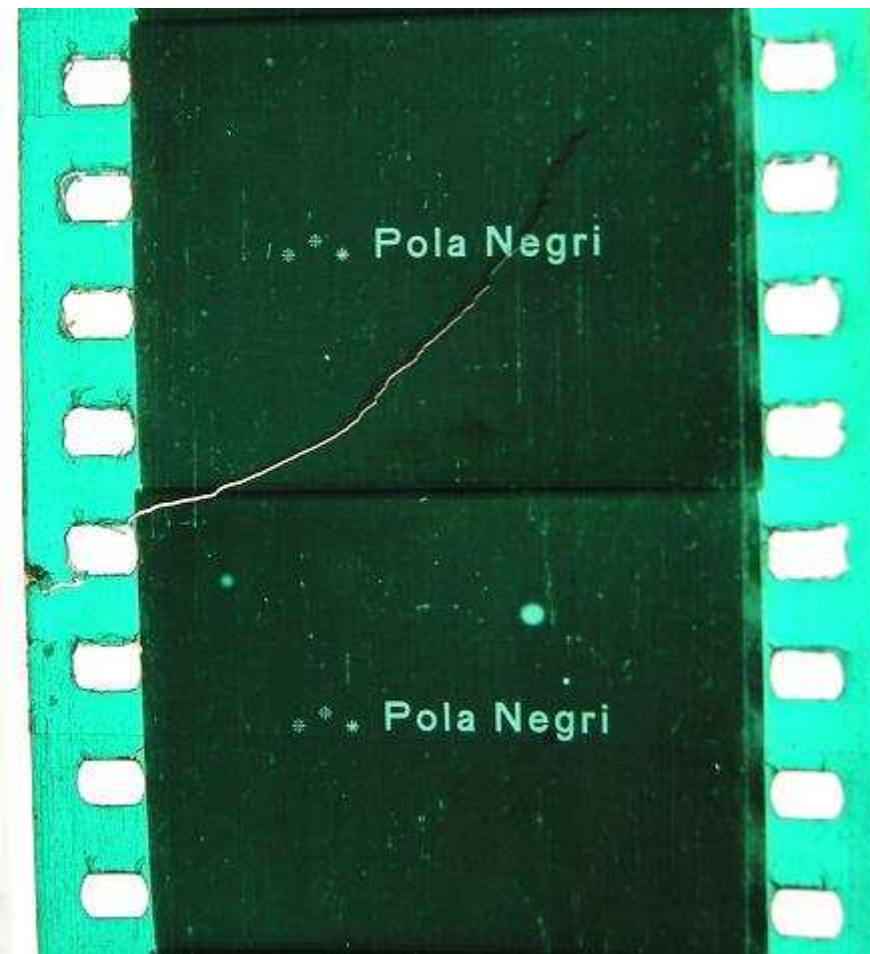
Perforation and emulsion damage



Old splices

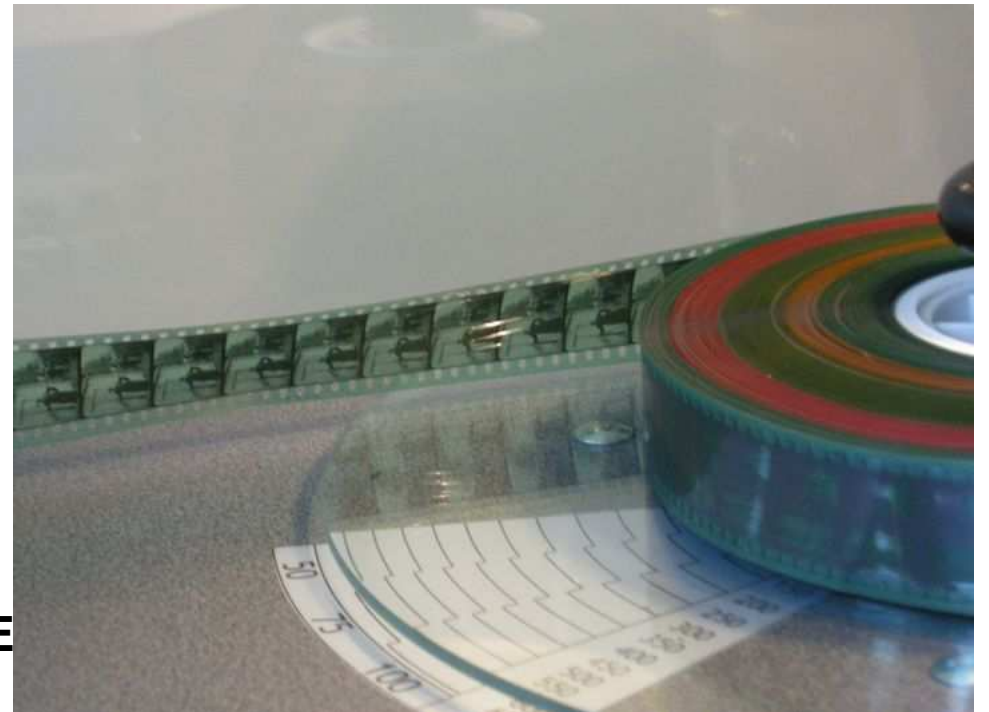
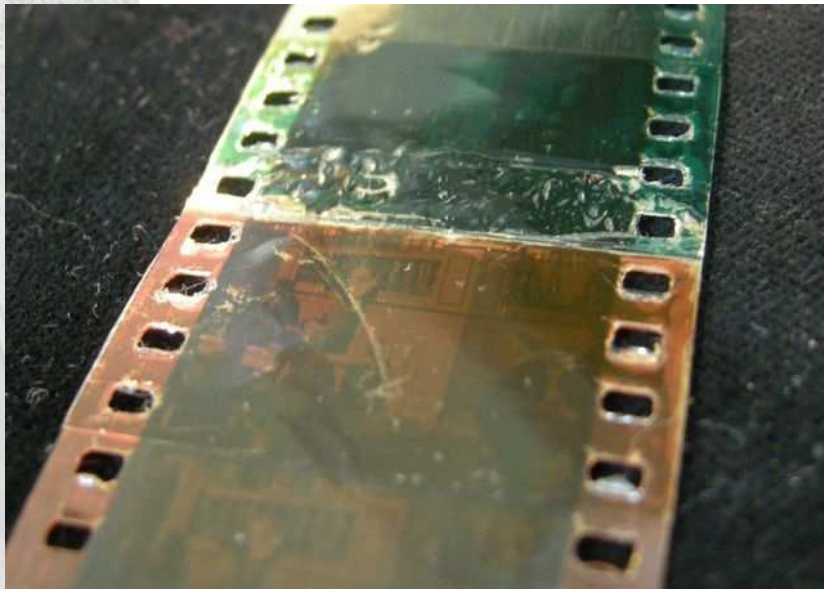
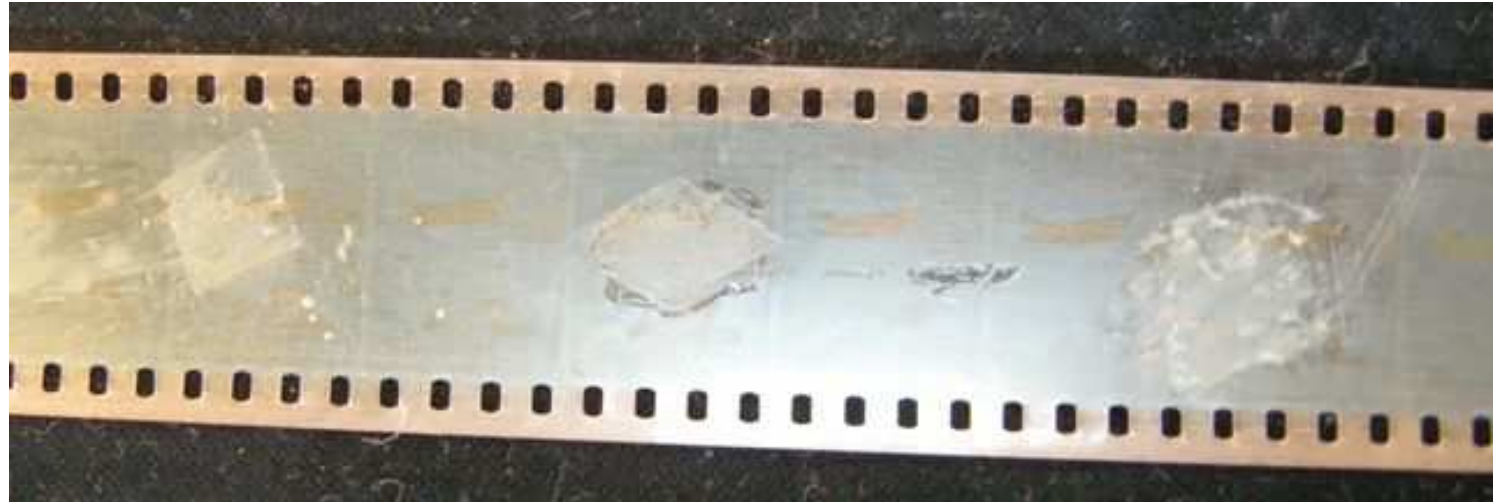
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PHISYCAL DAMAGE



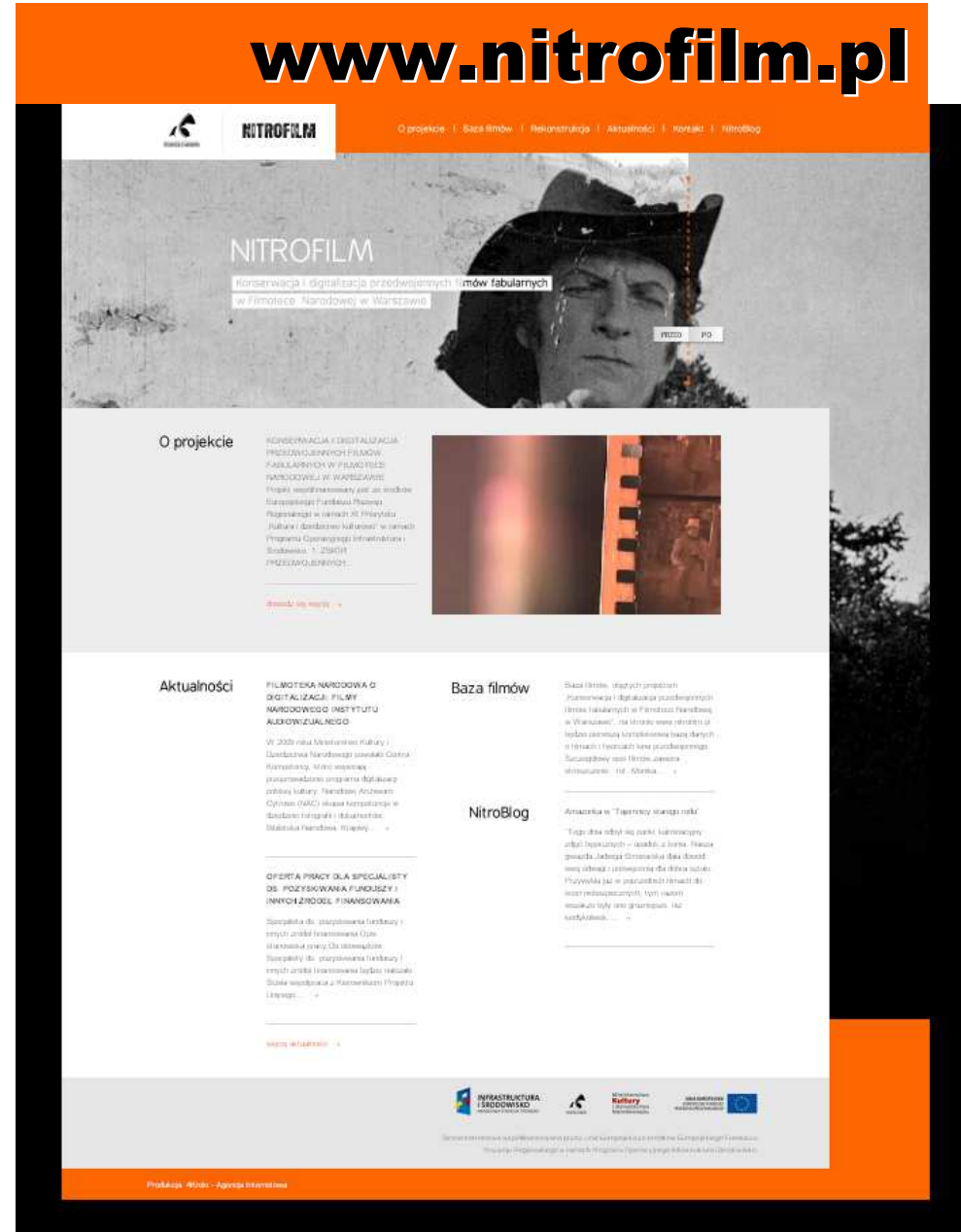
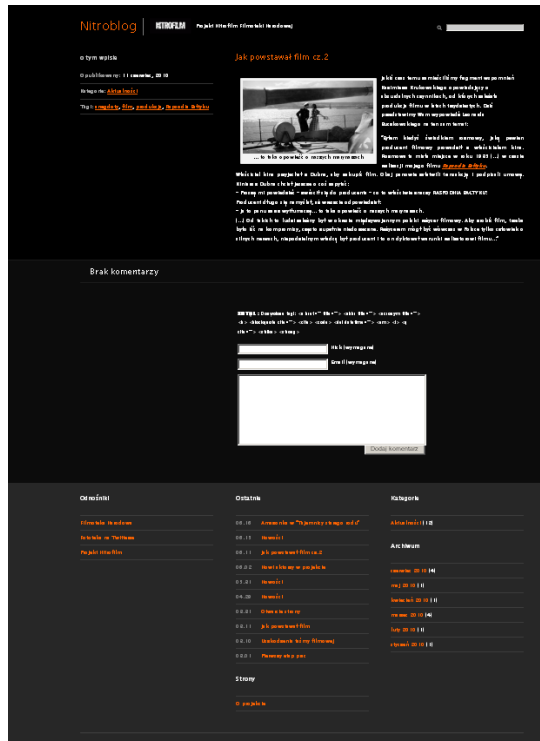
Tearing, scratching, emulsion damage, blemishes

**CONSERVATION AND DIGITALISATION OF PRE-WAR FEATURE FILMS
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PHISYCAL DAMAGE AND SHRINKAGE

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FILMOTĘKA NARODOWA

Thank you for your attention & welcome on:

www.nitrofilm.pl

www.fn.org.pl