

**FLUX\_091**

2024-03-17 → 2024-03-23

Dante Sisofo

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## WHAT IS FLUX

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FLUX is an open-source chronological photography publishing and archival system. Every 50 photographs automatically becomes a new issue.

The system generates:

- PDF publication
- contact sheet
- metadata manifest
- original JPEG files
- digital archive update

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STEP\_01

### CAPTURE

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CAMERA: compact digital camera

FILE TYPE: small JPEG

COLOR MODE: high contrast black and white

PURPOSE:

- eliminate processing
- eliminate workflow friction
- maximize speed

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STEP\_02

### SELECT

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GENERATE DIGITAL CONTACT SHEET

REVIEW SMALL THUMBNAILS ONLY

MAKE FINAL SELECTIONS  
FROM CONTACT SHEET VIEW

SELECT QUICKLY

DO NOT:

- overedit
- oversequence
- overanalyze

TARGET: 50 PHOTOGRAPHS PER ISSUE

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STEP\_03

### UPLOAD

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DRAG SELECTED FILES INTO:

/FLUX\_UPLOAD/

RUN:

./flux\_update.command  
OR: python3 flux\_update.py

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STEP\_04

### SYSTEM AUTOMATION

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SYSTEM AUTOMATICALLY:

- detects new photographs
- reads timestamps
- preserves chronological order
- generates derivatives
- creates metadata
- generates SHA256 hashes
- rebuilds manifests
- updates digital archive
- rebuilds timeline
- uploads archive online

DIGITAL ARCHIVE:

flux.dantesisofo.com

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### ARCHIVE STRUCTURE

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DIGITAL ARCHIVE INCLUDES:

- chronological timeline
- issue browser
- downloadable PDFs
- original JPEG files
- metadata manifests
- contact sheets

ALL PHOTOGRAPHS REMAIN  
IN CHRONOLOGICAL ORDER

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STEP\_05

### ISSUE GENERATION

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WHEN 50 NEW PHOTOGRAPHS  
ARE DETECTED:

SYSTEM AUTOMATICALLY:

- creates next FLUX issue
- sequences photographs
- preserves capture order
- generates issue number
- generates issue PDF
- updates publication archive

NO MANUAL LAYOUT REQUIRED

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STEP\_06

### PRINT

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PRINT: double sided

PAPER: 8.5 x 11 office paper

STACK PAGES

ALIGN EDGES

DO NOT FOLD

STAPLE LEFT SIDE

USING COVER MARKS

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STEP\_07

### ARCHIVE

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STORE ISSUES CHRONOLOGICALLY

PRESERVE ISSUE NUMBERS

MAKE PUBLICLY ACCESSIBLE

PRINT

DISTRIBUTE

DOWNLOAD

REPRODUCE

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END\_OF\_PROTOCOL

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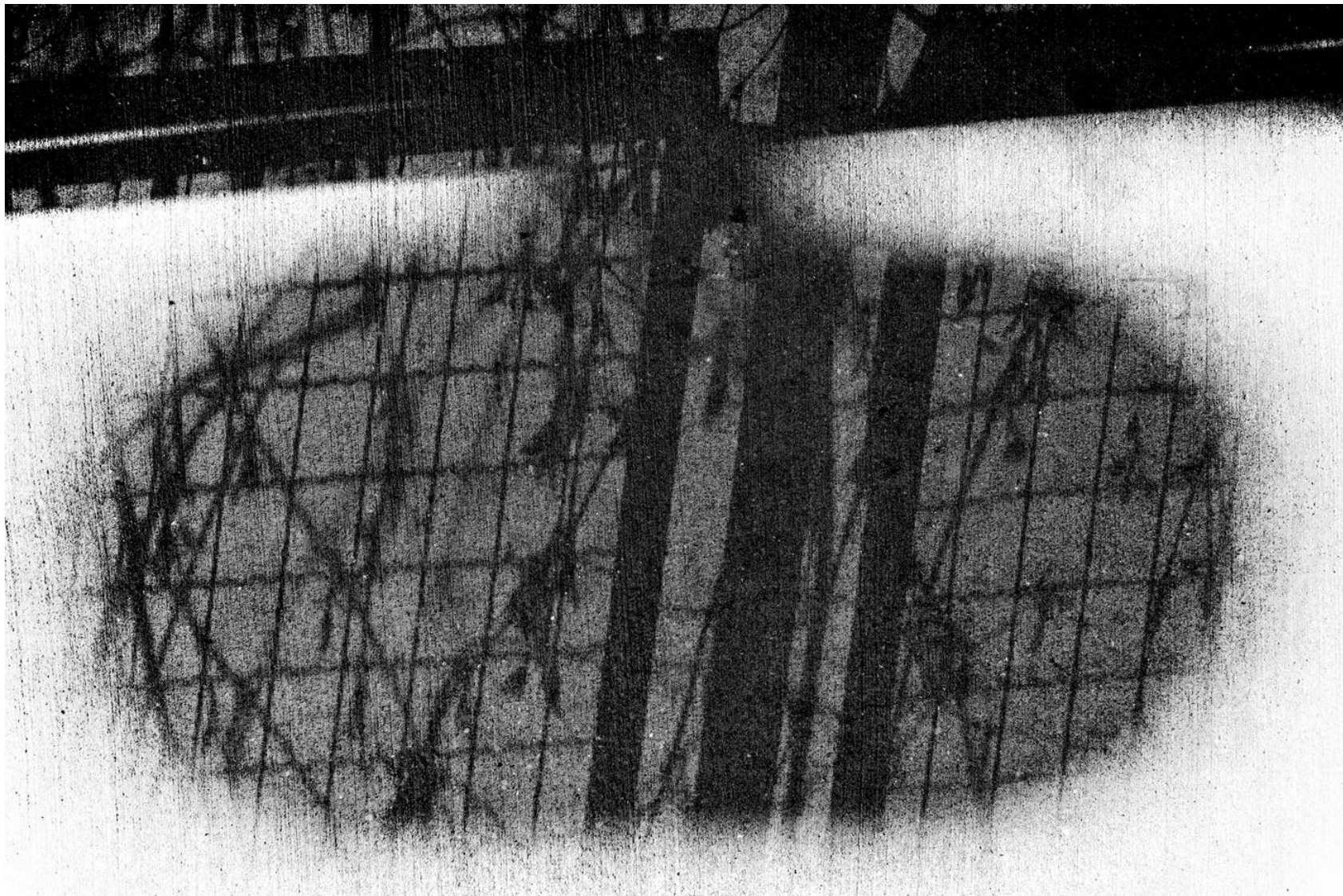






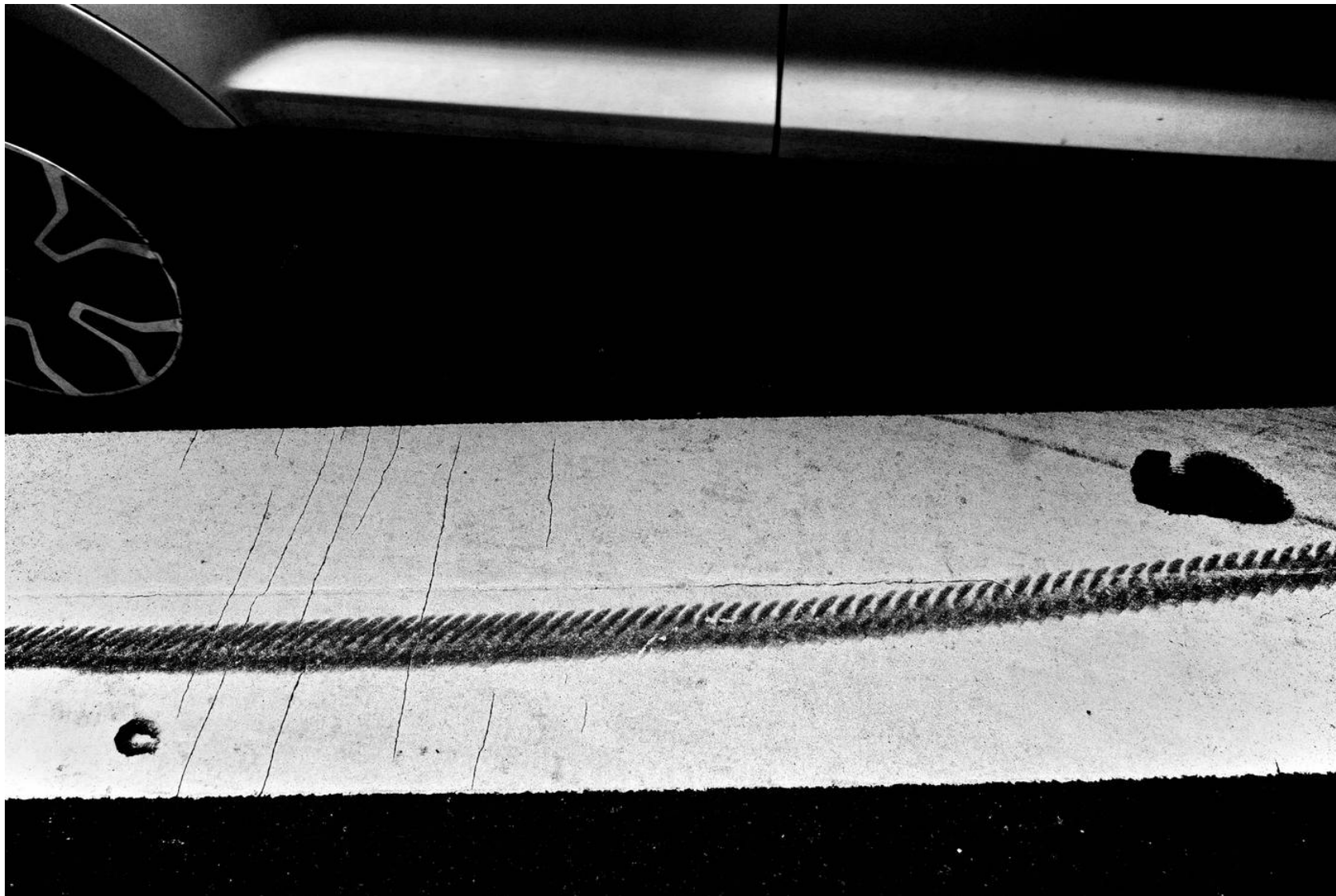




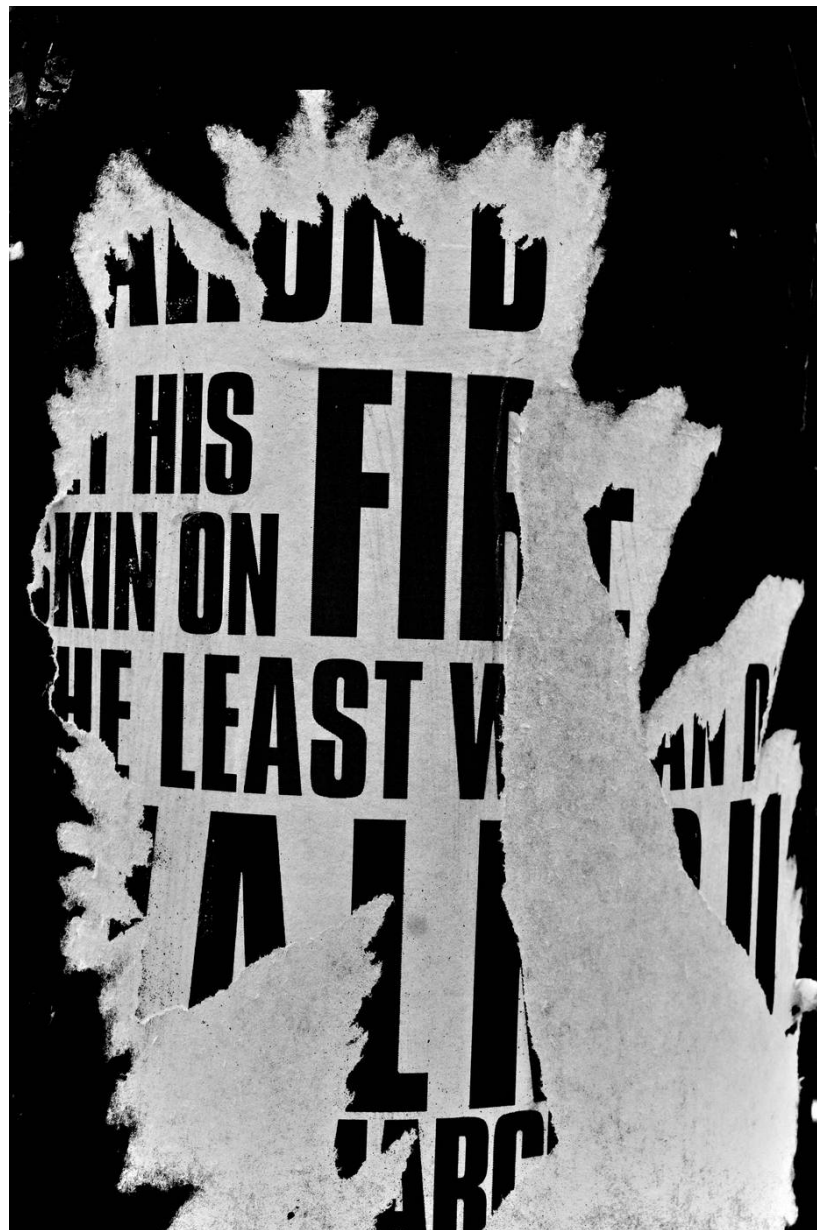








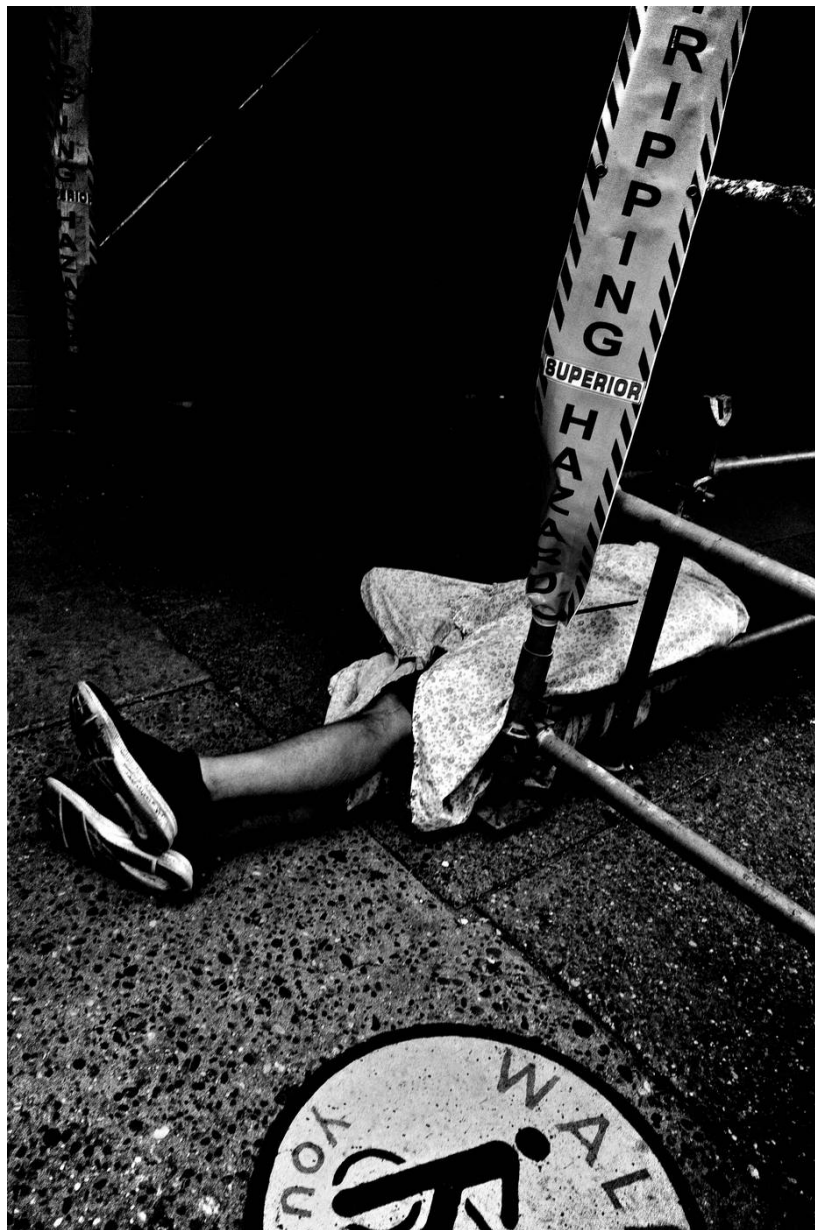




















































































FLUX\_091 — CONTACT SHEET — 50 FRAMES



001



002



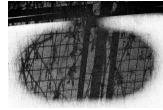
003



004



005



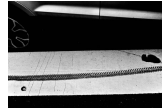
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007



008



009



010



011



012



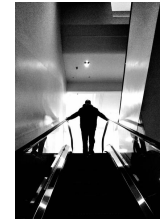
013



014



015



016



017



018



019



020



021



022



023



024



025



026



027



028



029



030



031



032



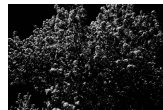
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034



035



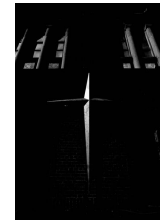
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037



038



039



040



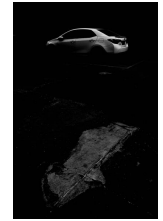
041



042



043



044



045



046



047



048



049



050

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