Sole – 05/04/2025

Telescopio o obiettivo di acquisizione (imaging telescope or lens): Telescopio Solare Lunt LS40THα/B1200 (solar telescope) / Rifrattore ED (ED refractor) TS Optics 80mm f/7

Camera di acquisizione (Imaging camera): ToupTek 678M [2.0 µm]

Montatura (Mount): SkyWatcher EQ6 Pro

Telescopio o obiettivo di guida (Guiding telescope or lens): non presente (not present)

Camera di guida (Guiding camera): non presente (not present)

Riduttore di focale (Focal reducer): non presente (not present)

Software (Software): AutoStakkert 4.0.11 + Registax 6 + imppg 2.0.0 + Adobe Photoshop 26.0.0 + Topaz Sharpen AI 4.1.0

Accessori (Accessories): Prisma di Herschel APM 2″ (Herschelwedge APM 2″), TeleVue Lente di Barlow 3x (3x Barlow lens), Omegon Lente di Barlow 2x Premium (2x Barlow lens)

Filtri (Filter): ND3.0, polarizzatore, Baader UV/IR Cut, Baader Solar Continuum 7.5 nm

Risoluzione (Resolution): 3840 x 2160 (originale/original)

Data (Date): 05/04/2025

Luogo (Location): Alpe Giumello, Casargo – LC, Italia (Italy)

Pose (Frames): Immagini da 3000-5000 frame (3000-5000 frames each images)

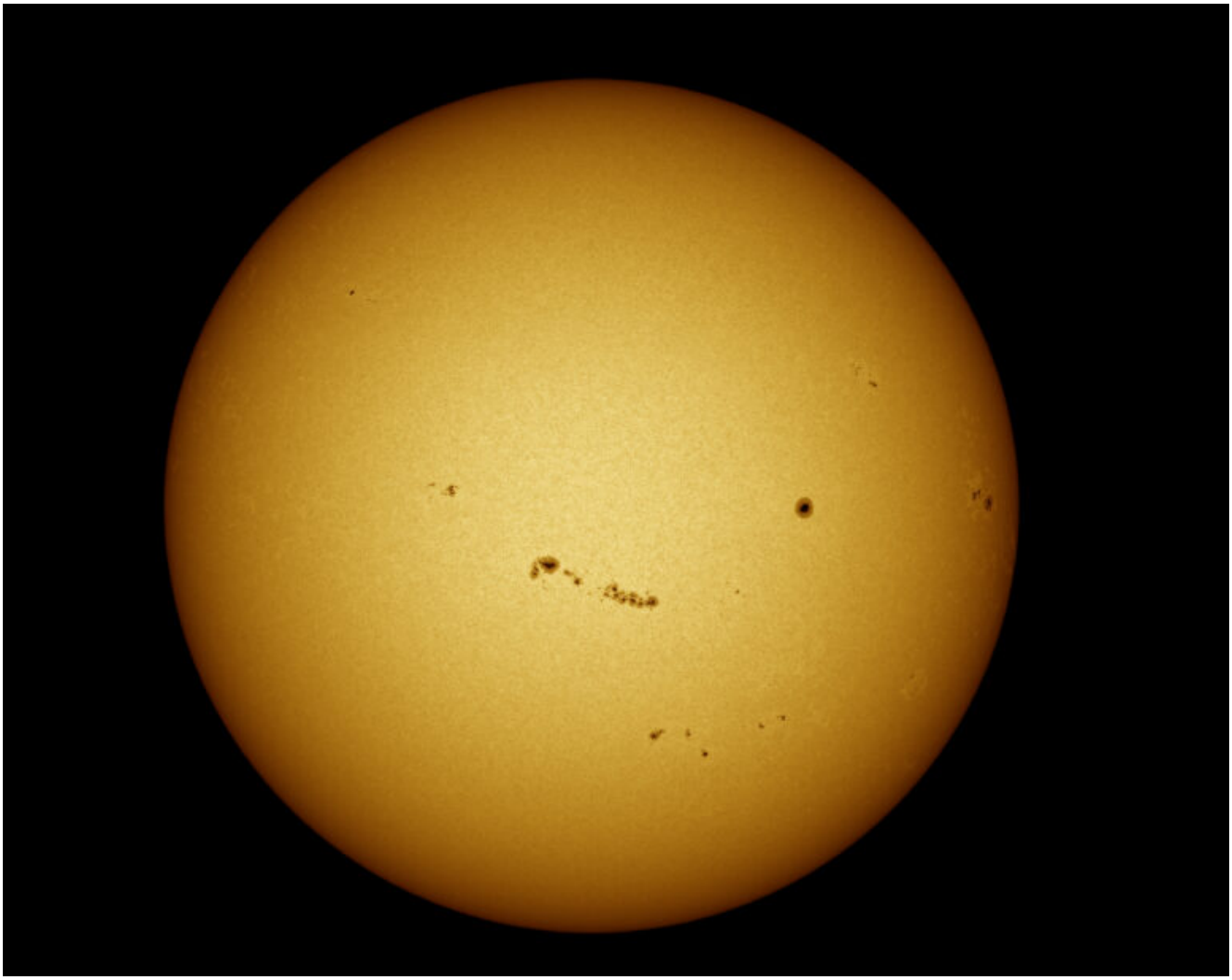
Calibrazione (Calibration): non presente (not present)

Fase lunare media (Average Moon phase): 54.3%

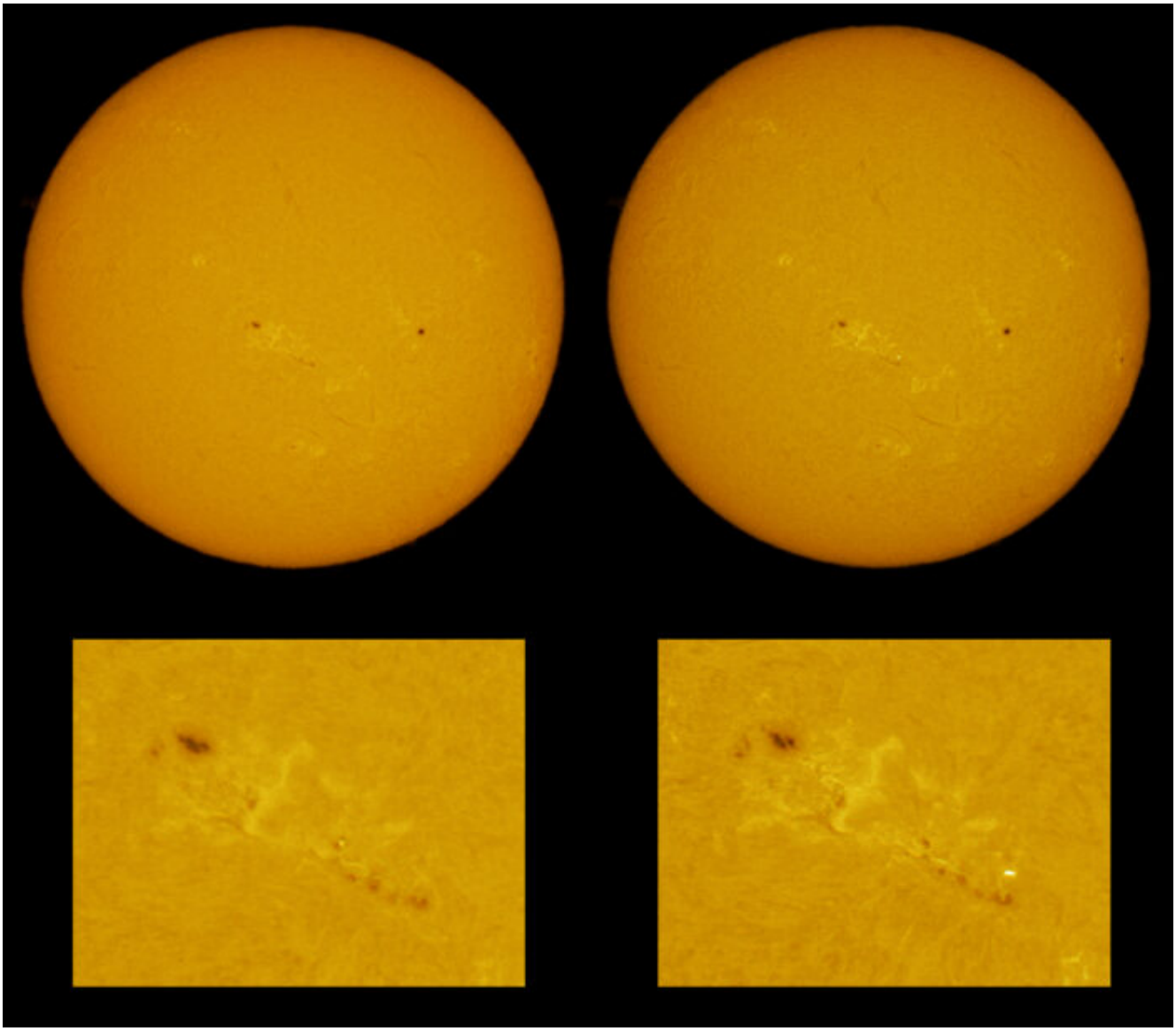
Focale equivalente (Equivalent focal lenght): 400 mm / 560 mm

fotosfera + cromosfera solare – 05/04/2025

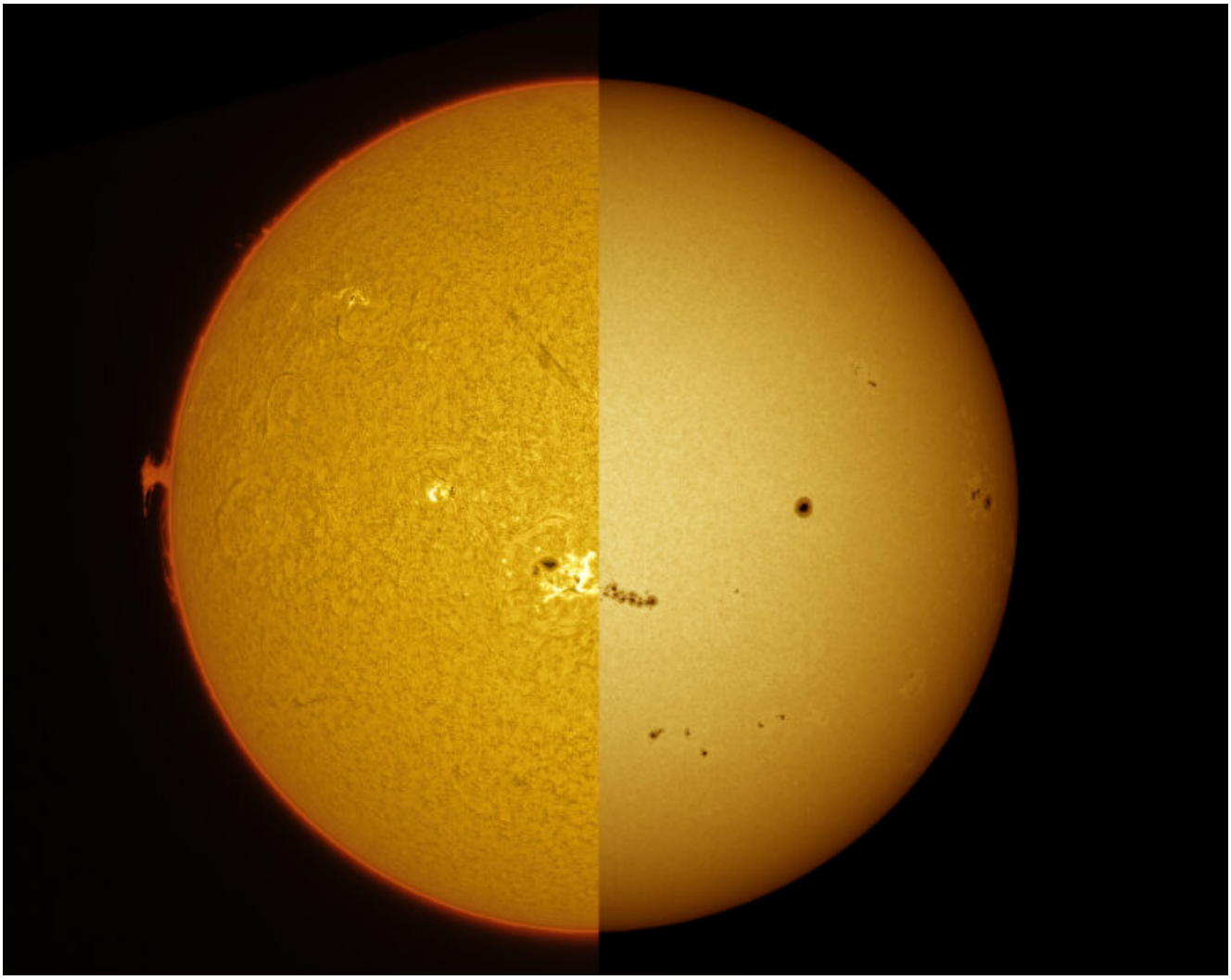
cromosfera solare – 05/04/2025



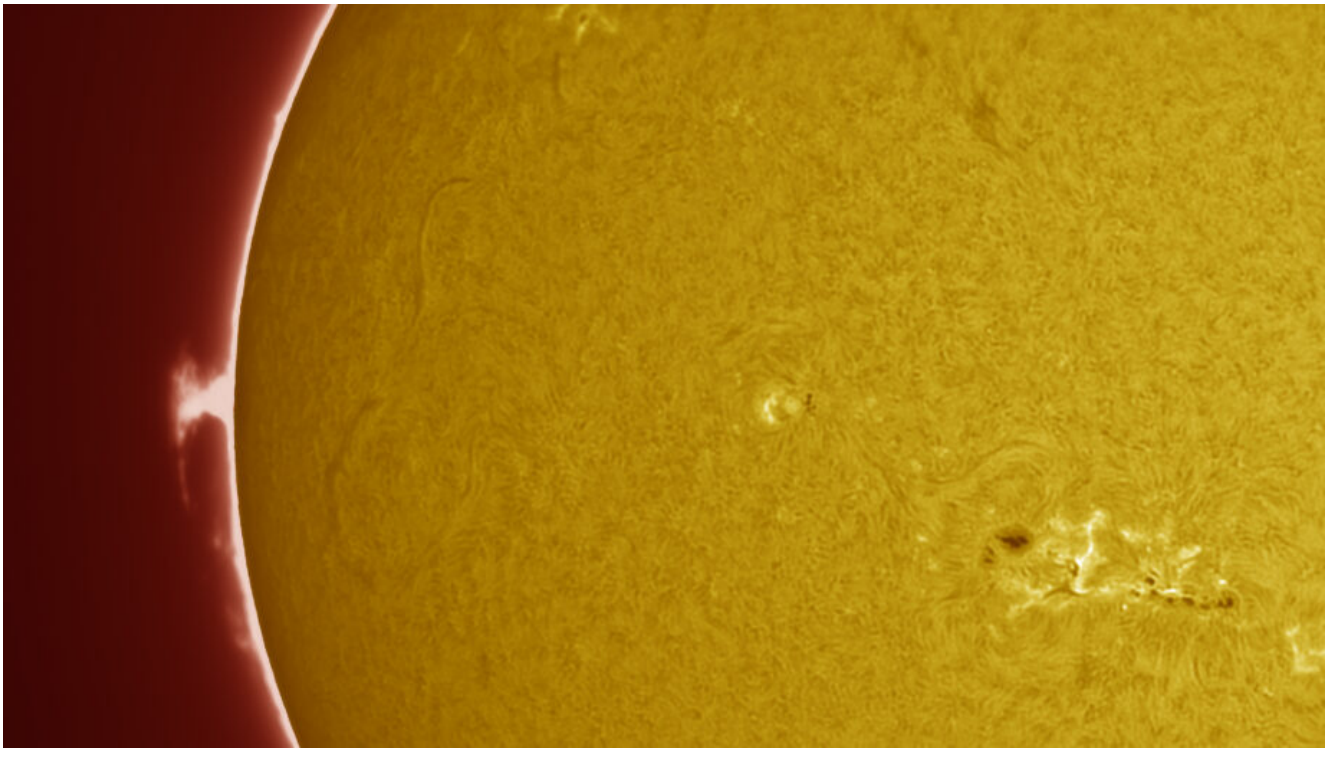
fotosfera solare – 05/04/2025



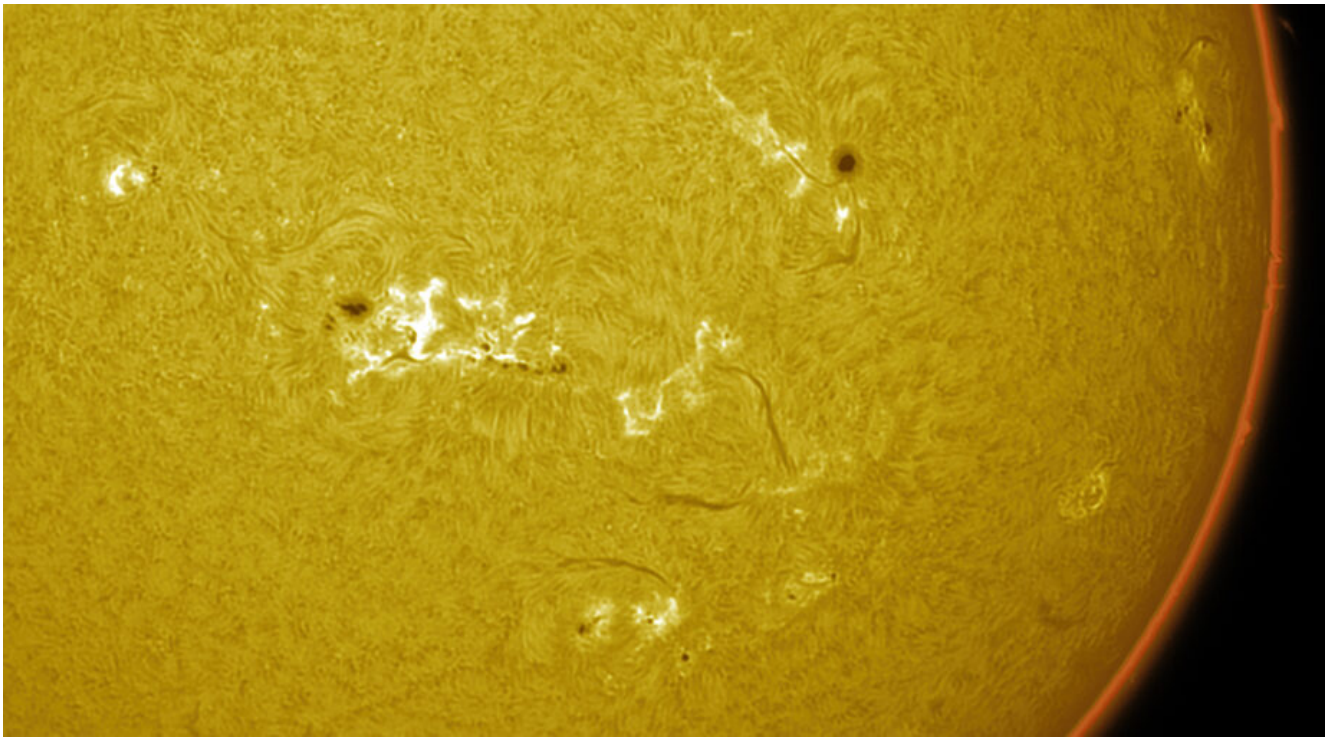
brillamento cromosferico nei pressi della macchia AR4048



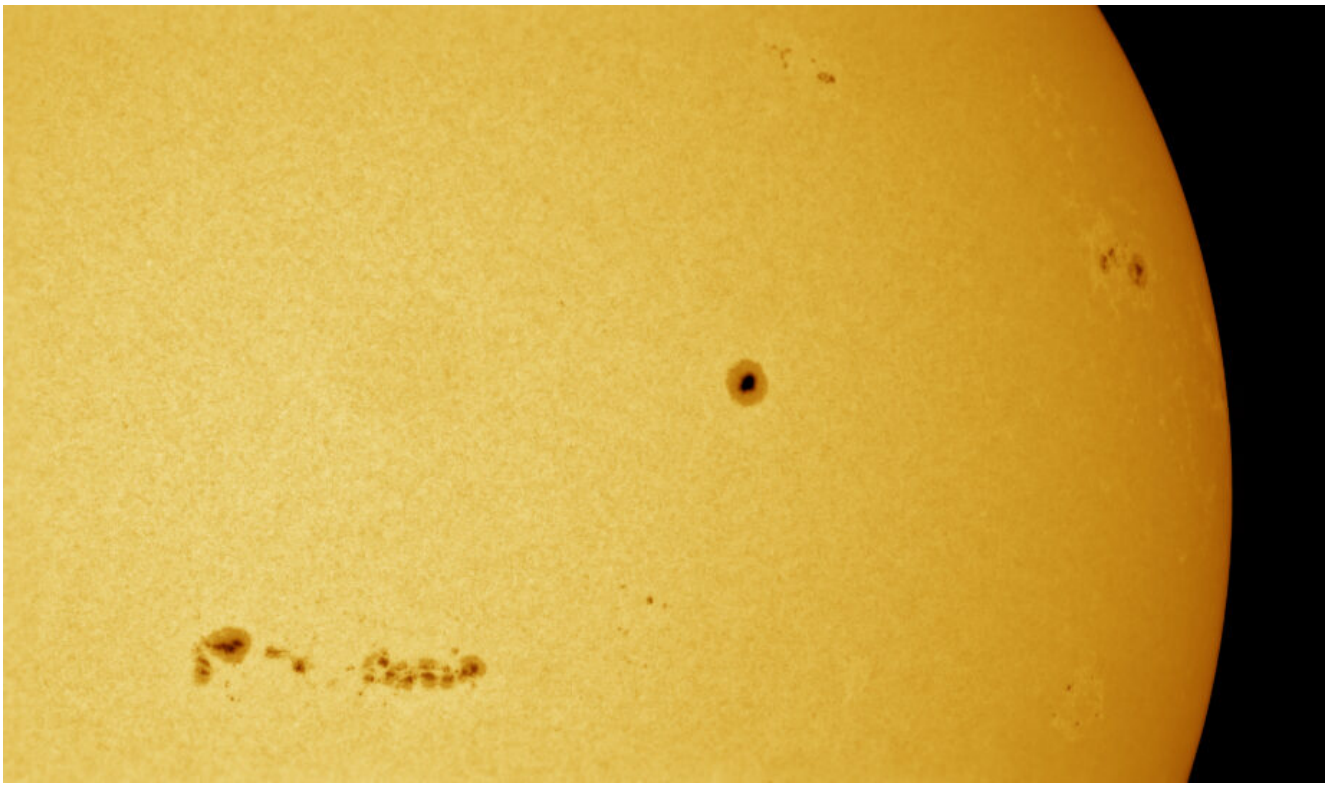
sovrapposizione cromosfera/fotosfera – 05/04/2025



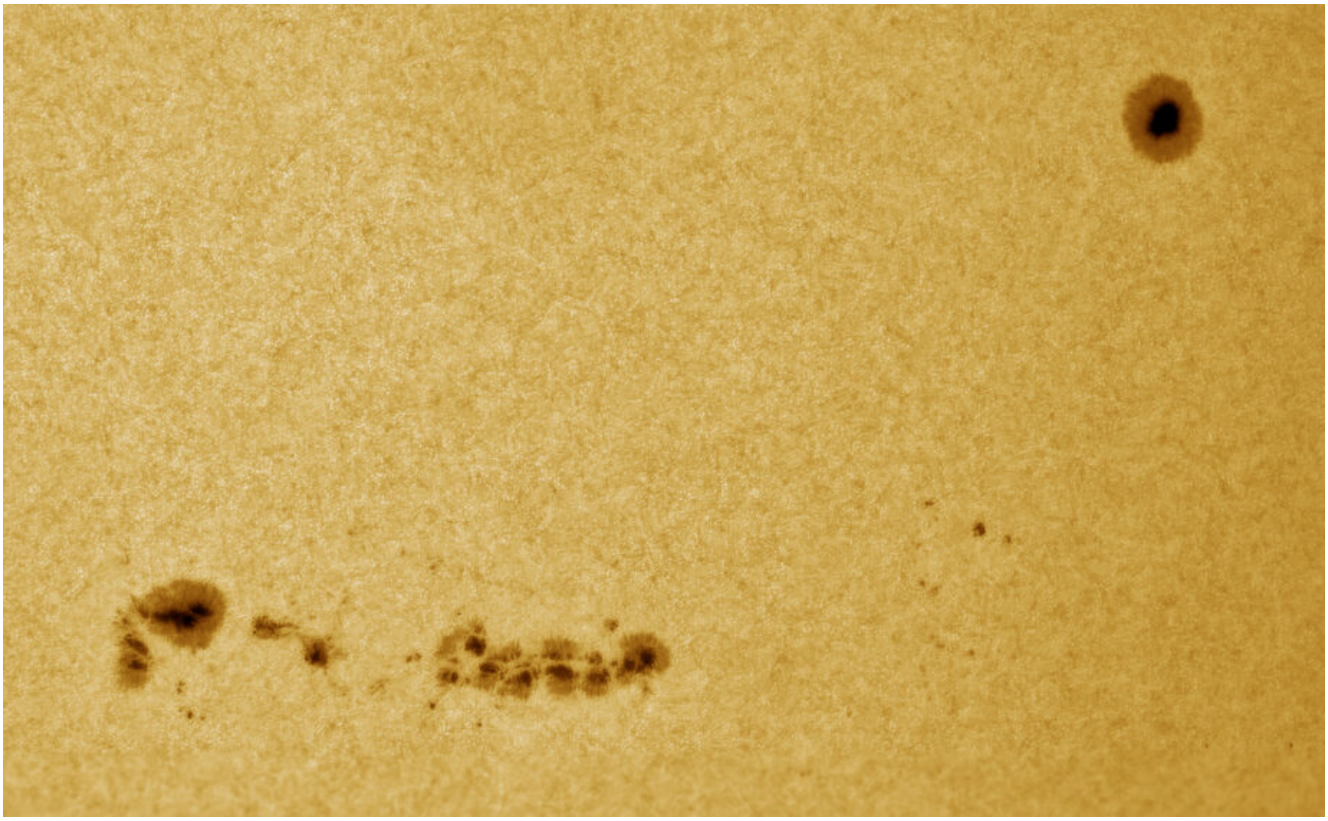
protuberanza solare – 05/04/2025



cromosfera – 05/04/2025



macchie solari AR4048, AR4046, AR4049 e AR4052 – 05/04/2025



macchie solari AR4046 e AR4048 – 05/04/2025