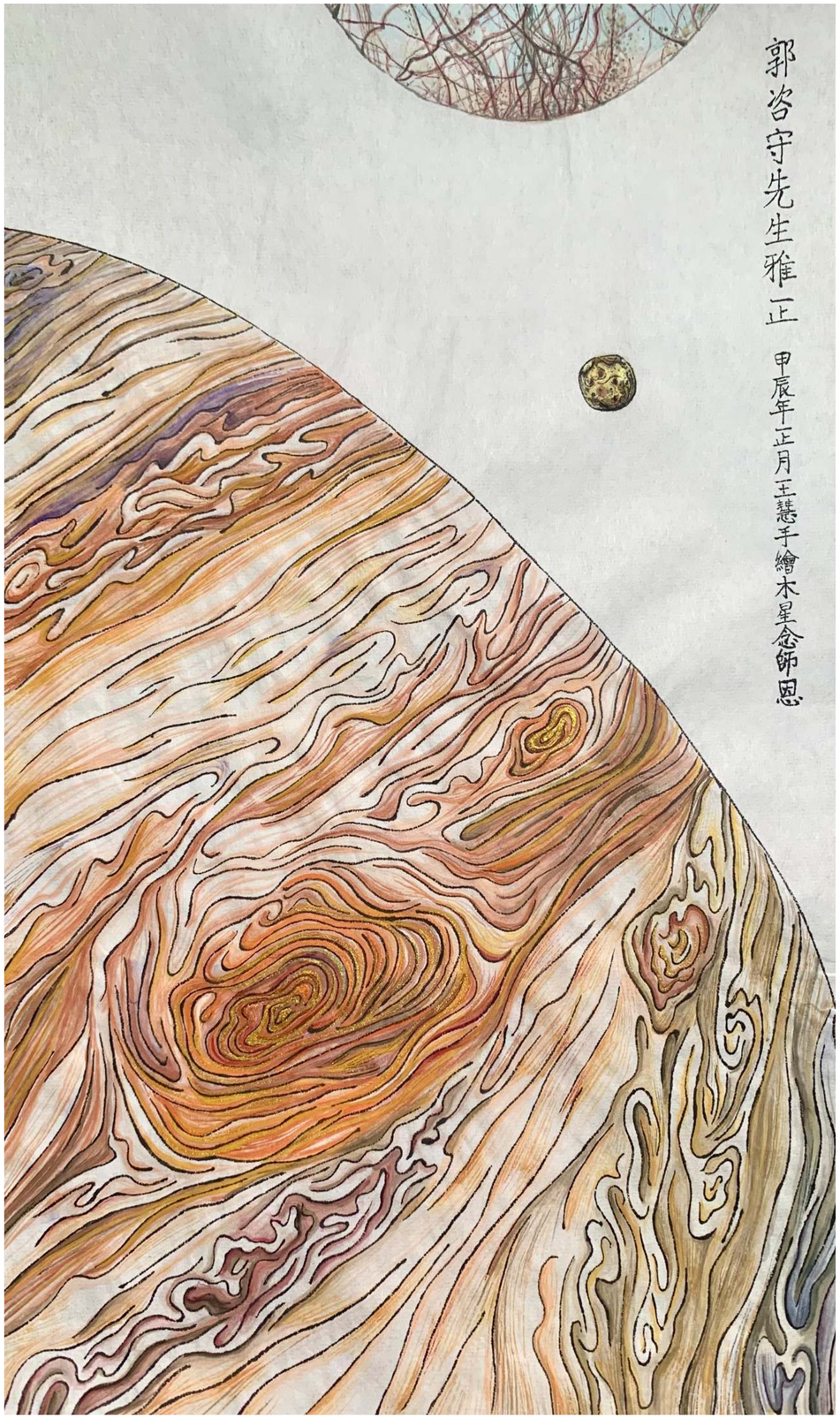
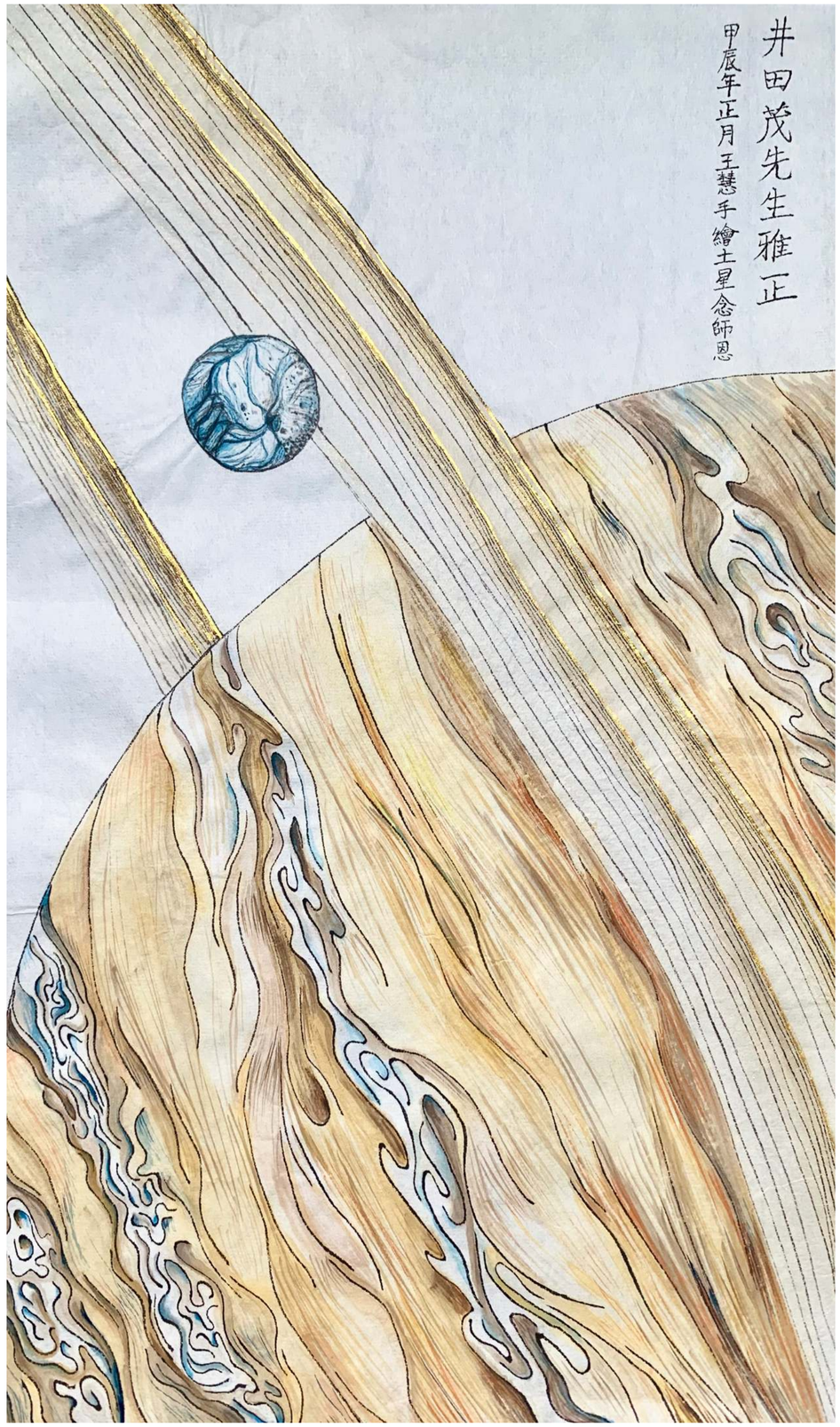

郭咨守先生雅正
甲辰年正月王慧手繪木星念師恩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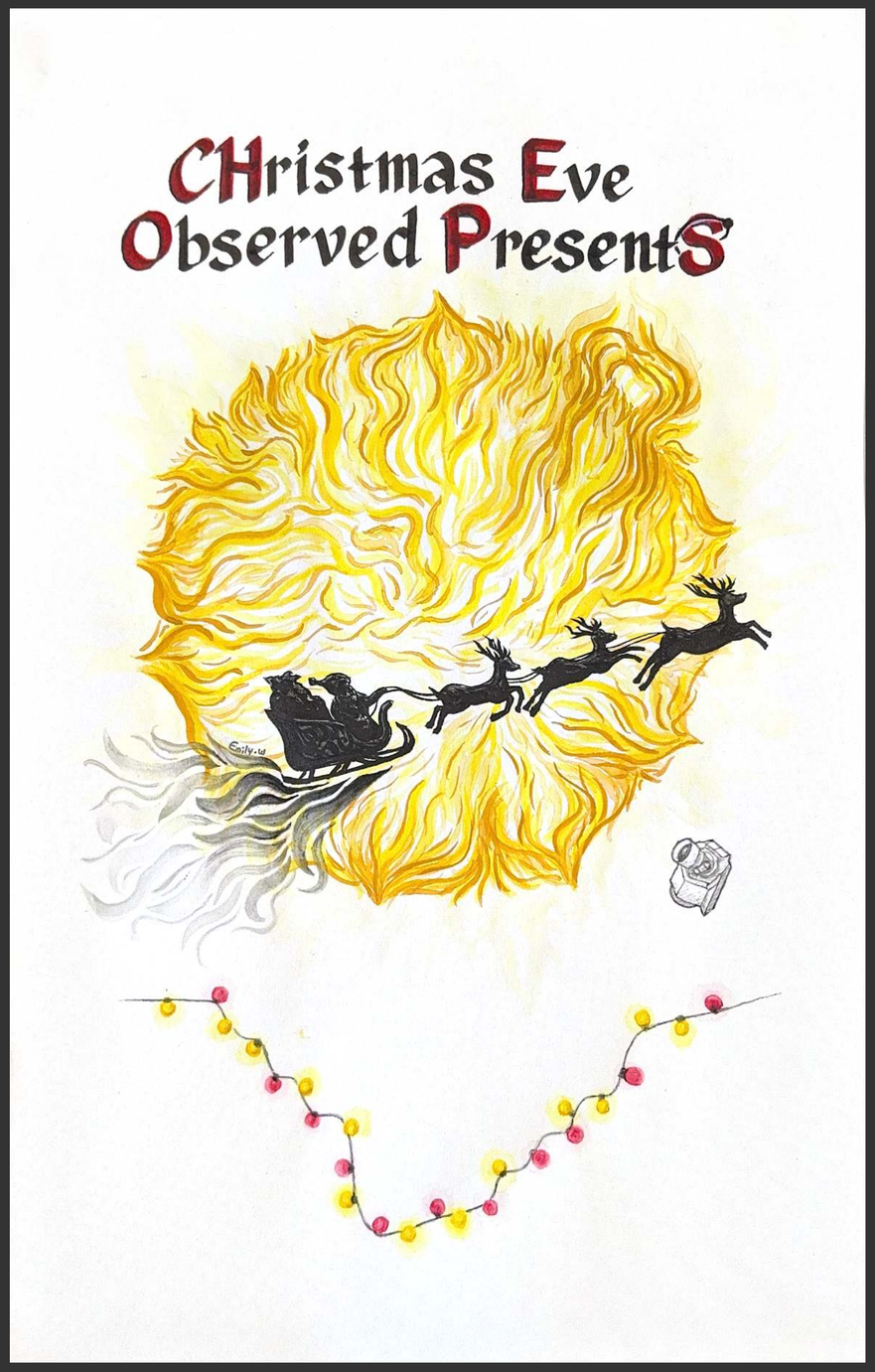
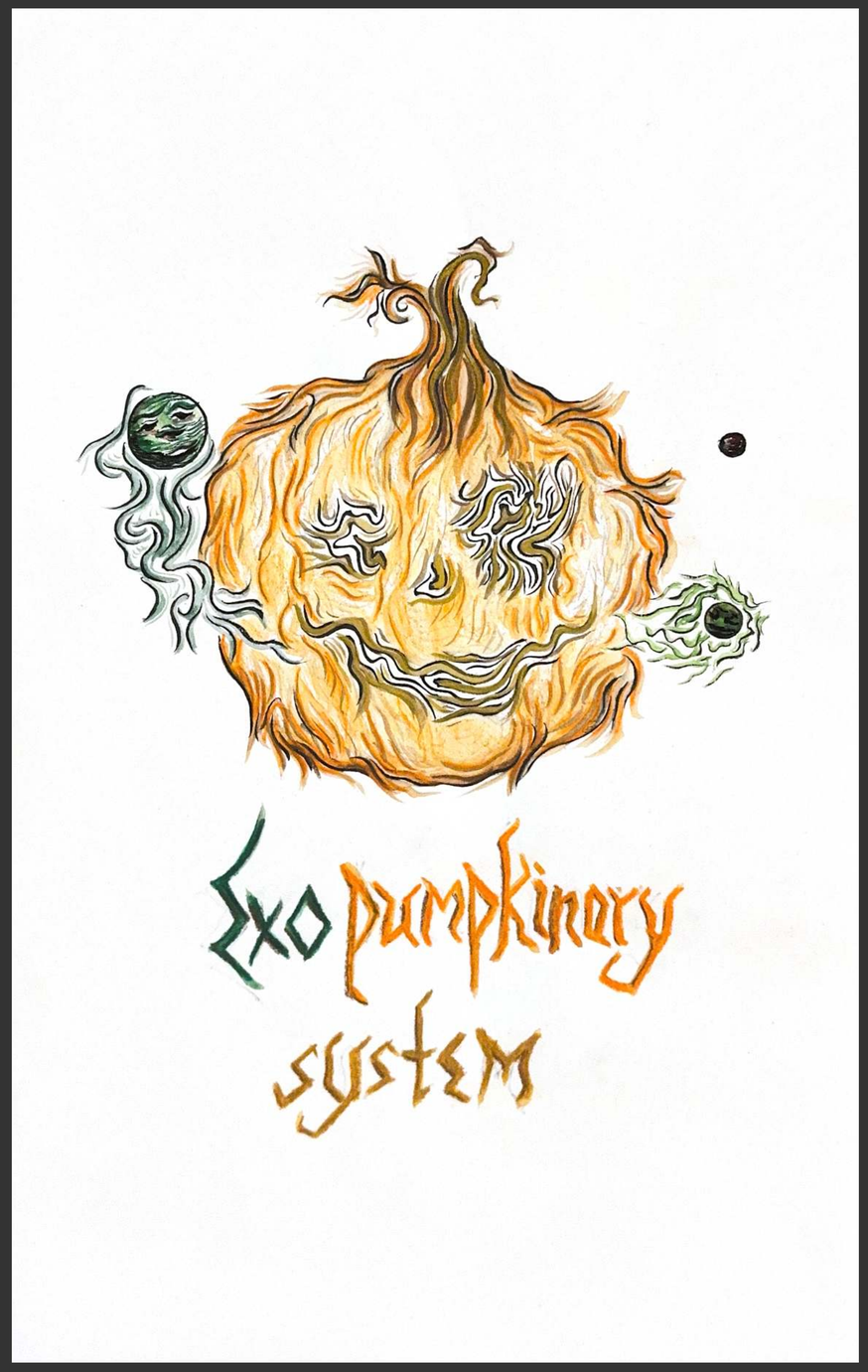
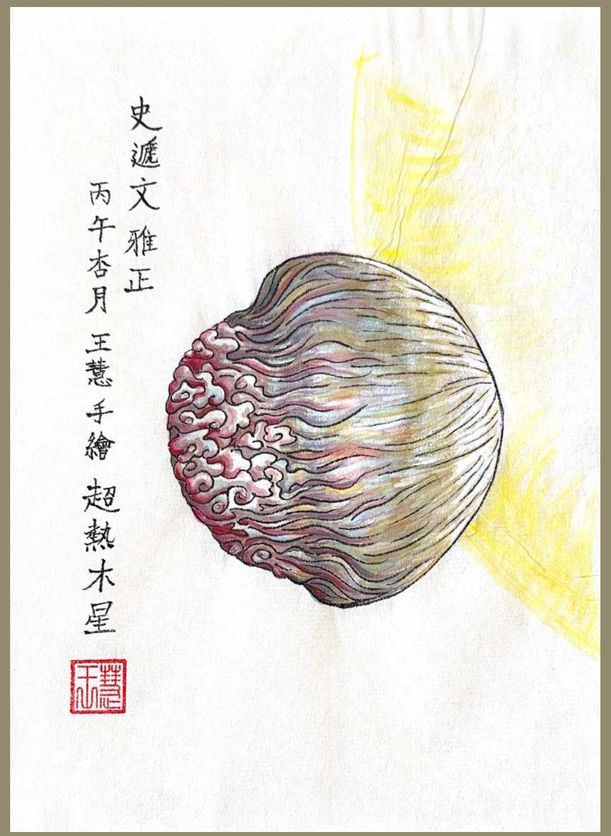
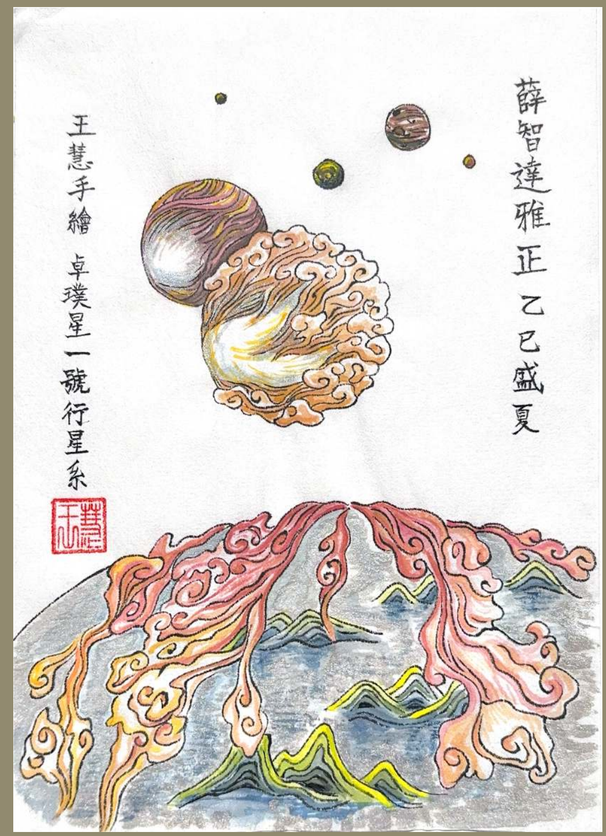
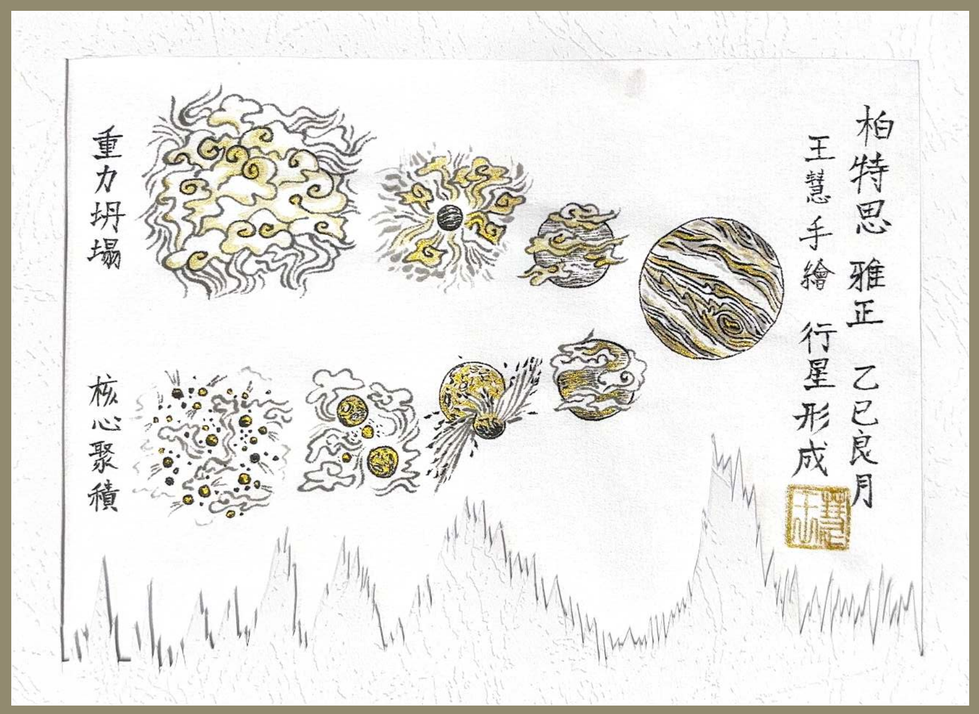

CHristmas Eve
Observed PresentS

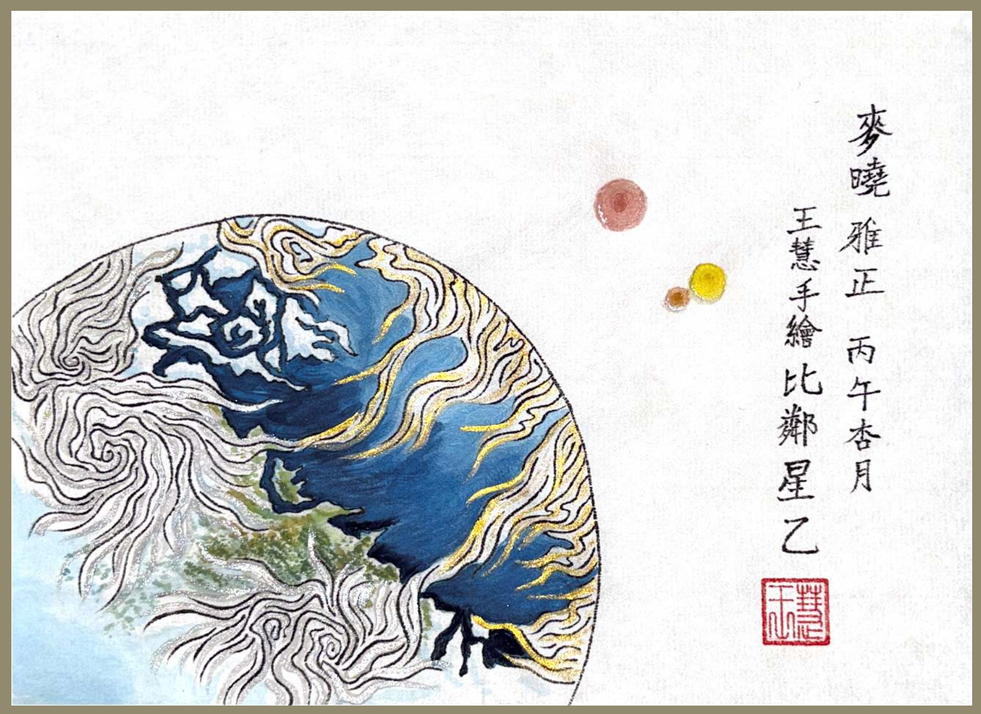

Exo pumpkinary
system


史遞文 雅正
丙午杏月 王慧手繪 超熱木星


魏天娜 雅正 乙巳巧月
王慧手繪 超熱木星

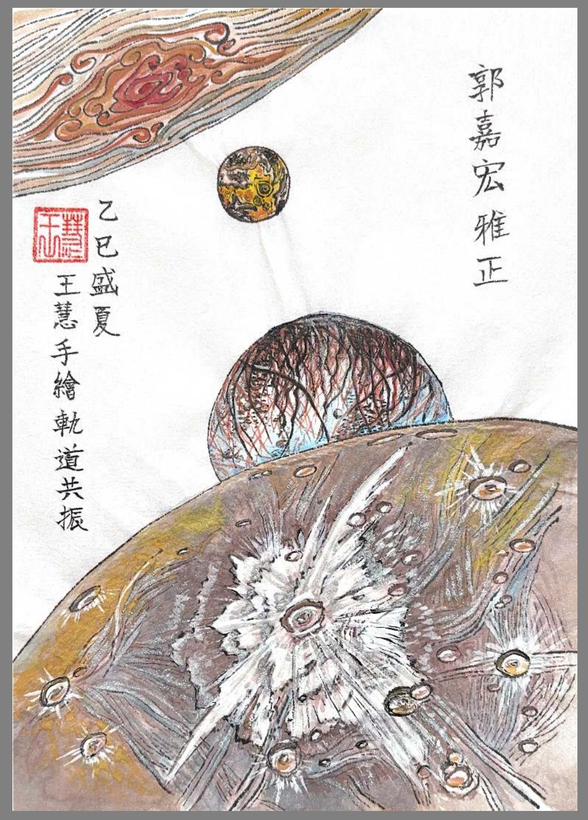

薛智達 雅正 乙巳盛夏
王慧手繪 卓璞星一號行星系

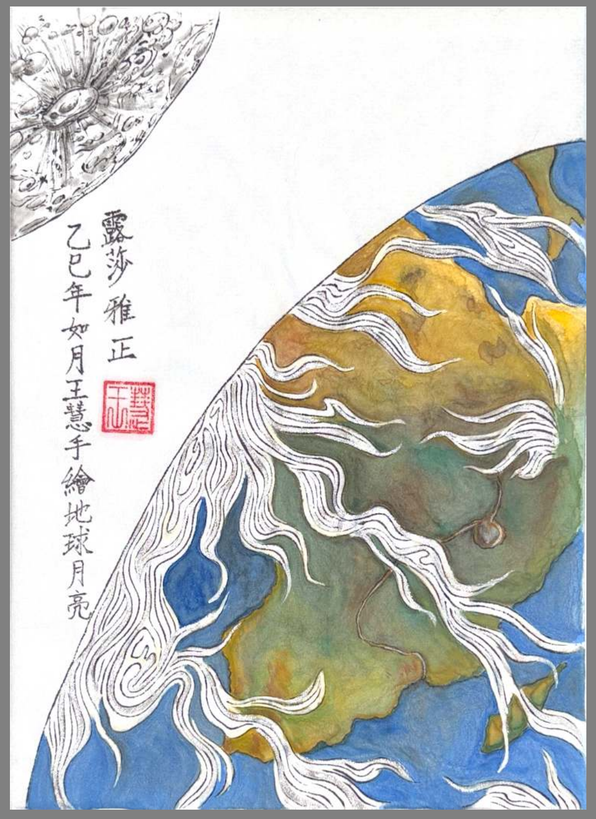

柏特思 雅正 乙巳良月
王慧手繪 行星形成
重力坍塌
核心聚積

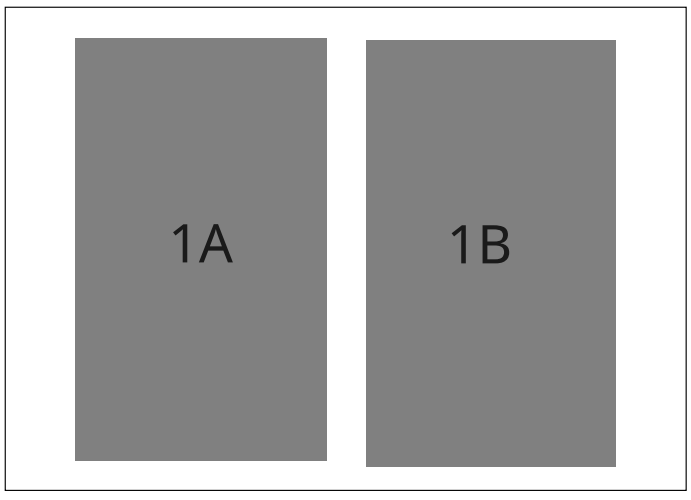

麥曉 雅正 丙午杏月
王慧手繪 比鄰星乙

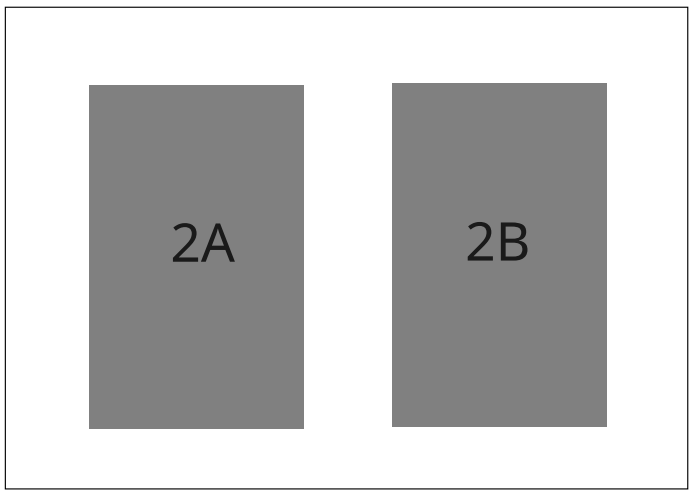

露莎雅正 丙午年正月
王慧手繪 歐拉觀測


威廉雅正
乙巳盛夏
王慧手繪直接影像


郭嘉宏雅正
乙巳盛夏
王慧手繪軌道共振


露莎雅正
乙巳年如月王慧手繪地球月亮



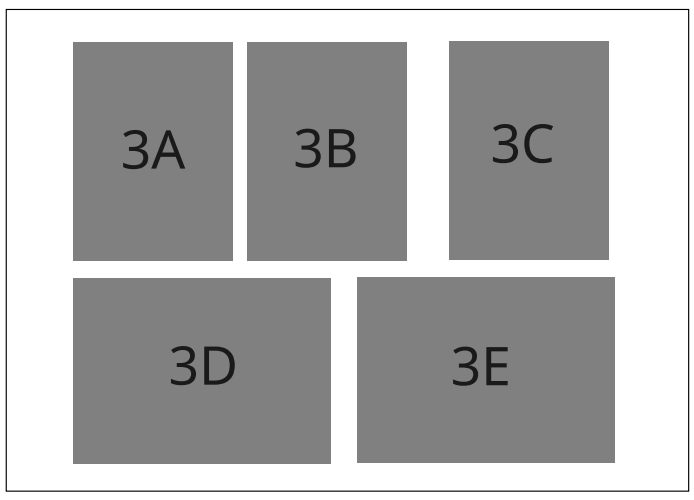


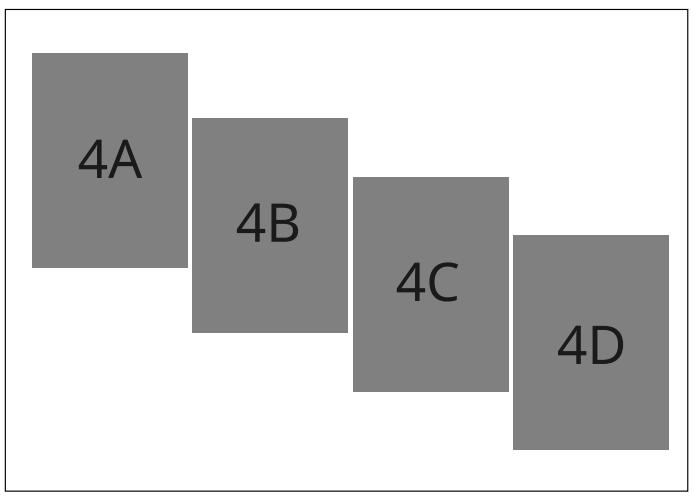
1A) Jupiter, Io and Europa (2024) Original piece in Budapest, Hungary. Gifted to Dr. Ramon Brasser.

1B) Saturn, Its Rings and Enceladus (2024) Original piece in Tokyo, Japan. Gifted to Prof. Ida Shigeru.

2A) CHEOPS: Christmas Eve Observed PresentS (2025) A festive transit light curve observed by CHEOPS, showing Santa's sleigh crossing the Sun.

2B) Exopumpkinary System (2025) An exoplanetary system where planets orbit a jack-o'-lantern host star along a peculiar "spooky" trajectory..





3) Gifts to Students and Researchers at Geneva Observatory — Part I (2025–2026)

3A) Mushroom-Shaped Ultra-Hot Jupiter distorted by extreme day–night temperature contrast,
resulting in a drastically asymmetric atmospheric scale height between the dayside and nightside.

3B) Ultra-hot Jupiter with asymmetric atmospheric conditions and a supersonic equatorial jet redistributing heat from the dayside to the nightside.

3C) TRAPPIST-1e and Companions. TRAPPIST-1e rendered as a habitable world with oceans and clouds,
accompanied by two other atmospheric planets exhibiting "eyeball"-type and "lobster"-type temperature profiles.

3D) Two pathways of Planet Formation shown left to right — gravitational instability versus core accretion.
Differing C/O ratios in atmospheric spectra (shown as paper cutouts) may distinguish between the two pathways.

3E) Proxima Centauri b, a tidally locked rocky planet with a potential atmosphere and liquid-water surface, exhibiting a characteristic global atmospheric circulation. The three background stars are Proxima Centauri (red), Alpha Centauri B (orange), and Alpha Centauri A (yellow).

4) Gifts to Students and Researchers at Geneva Observatory — Part II (2025–2026)

4A) Young Exoplanetary System Observed with the Euler Telescope An active host star and a relatively warm exoplanet,
as observed with the Swiss Euler telescope at La Silla.

4B) Direct imaging using a coronagraph to mask the bright host star, revealing a brown dwarf companion.

4C) Galilean Moons: Io, Europa, and Ganymede demonstrating the 1:2:4 Laplace resonance in our Solar System.

4D) Earth and Moon — Our only home.

All pieces are executed in watercolor and ink on rice paper, using traditional calligraphy techniques.