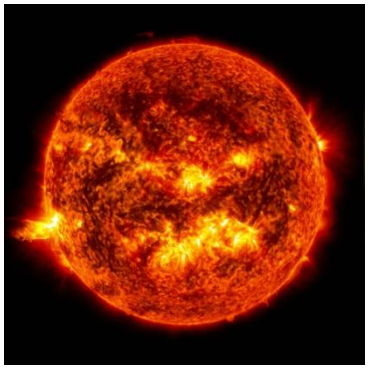
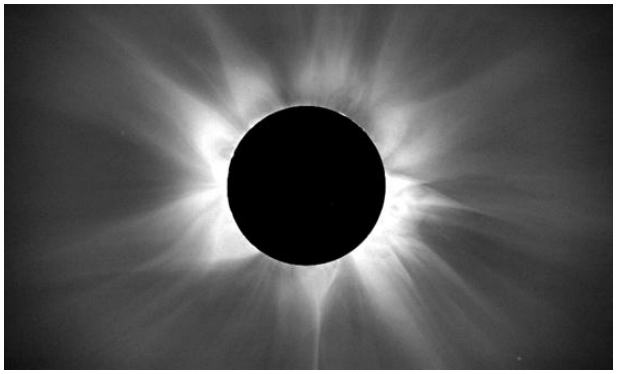
НАШ АДРЕС ВО ВСЕЛЕННОЙ

НАШ ДОМ – СОЛНЕЧНАЯ СИСТЕМА

ЗВЕЗДА ПО ИМЕНИ СОЛНЦЕ

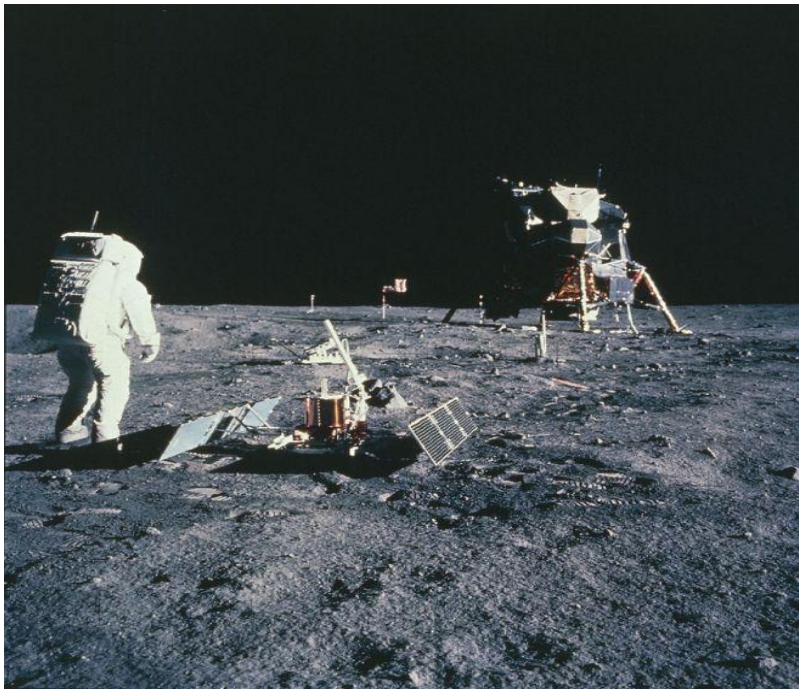




Жизненный цикл Солнца

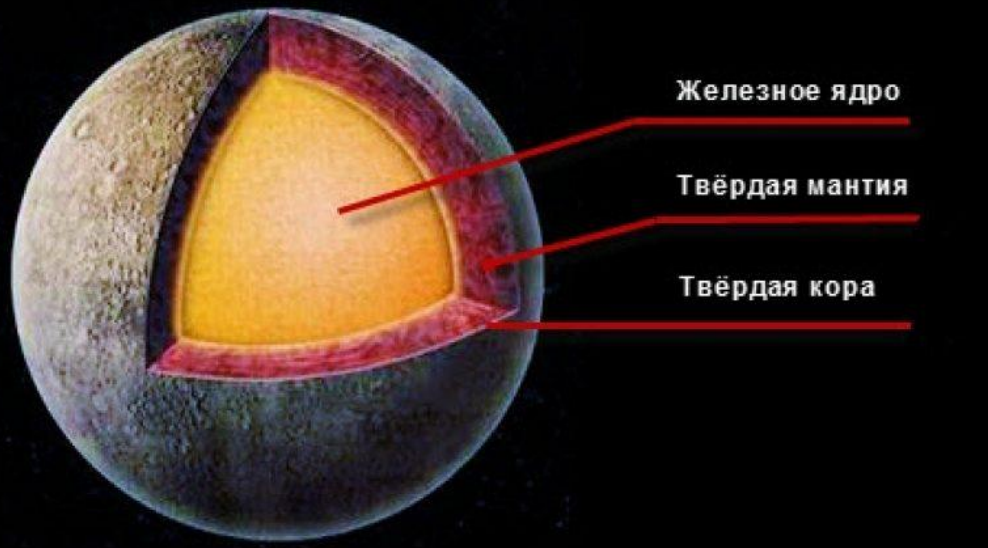
Масштаб и цвета условны. Временная шкала в миллиардах лет (приблизительно)

БЛИЖАЙШАЯ СОСЕДКА – НАШ СПУТНИК ЛУНА

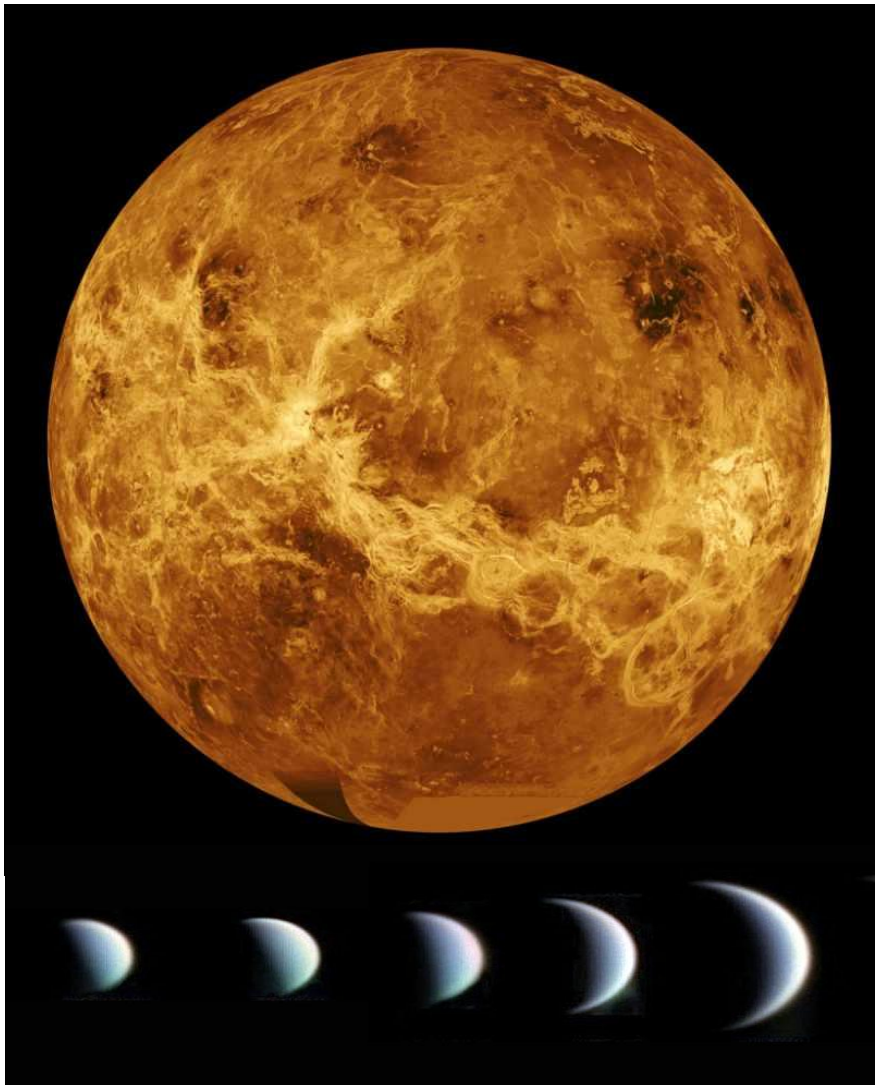


МЕРКУРИЙ

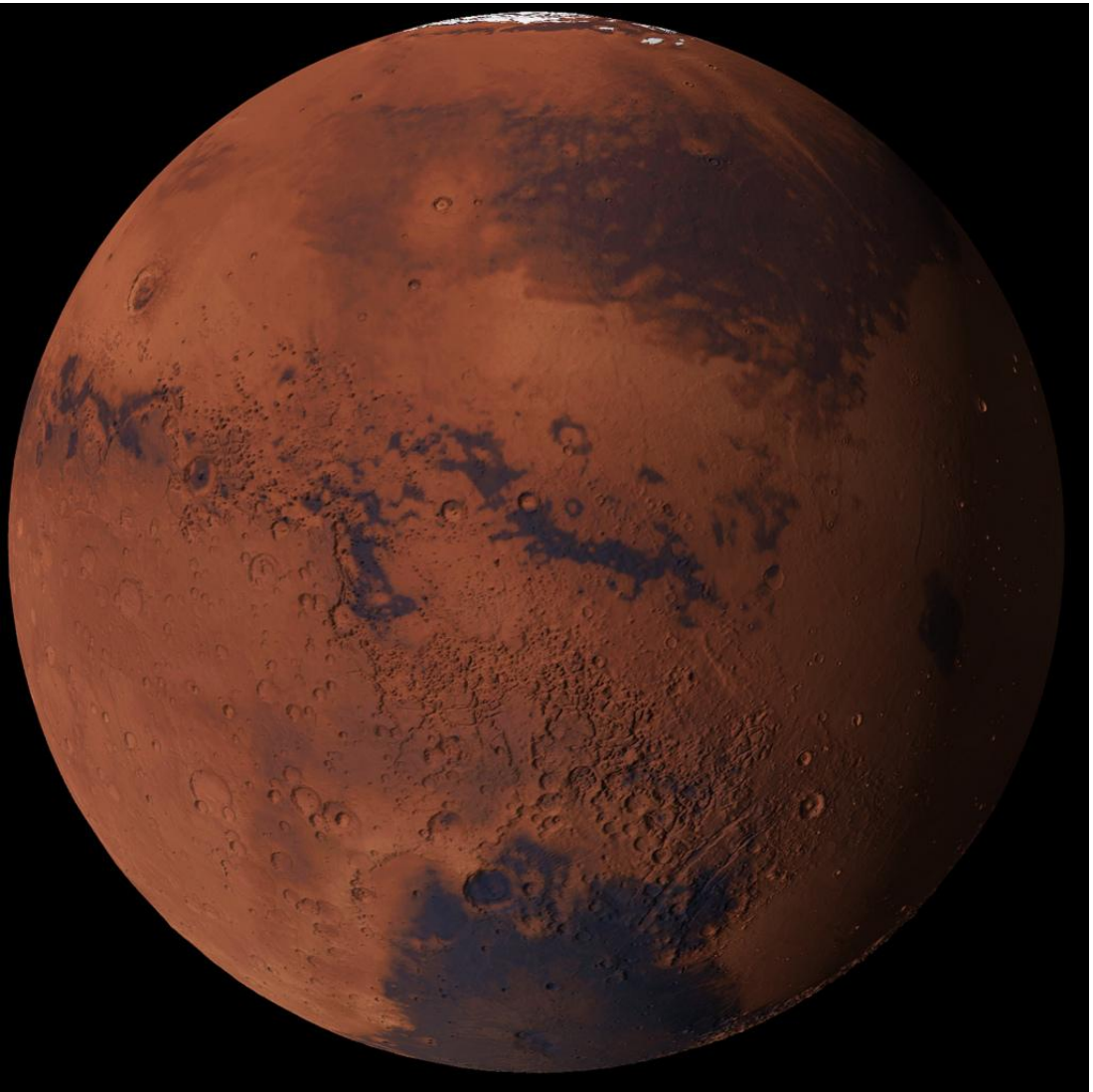
Фазы Меркурия

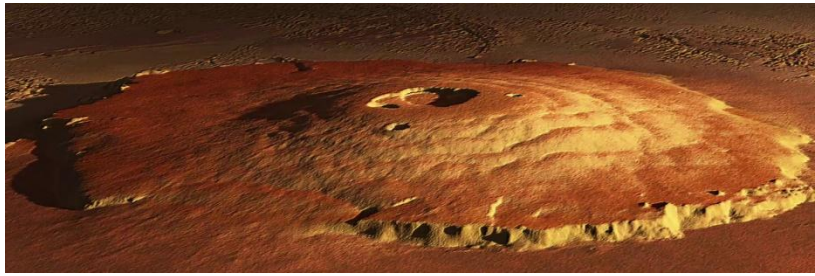


ВЕНЕРА

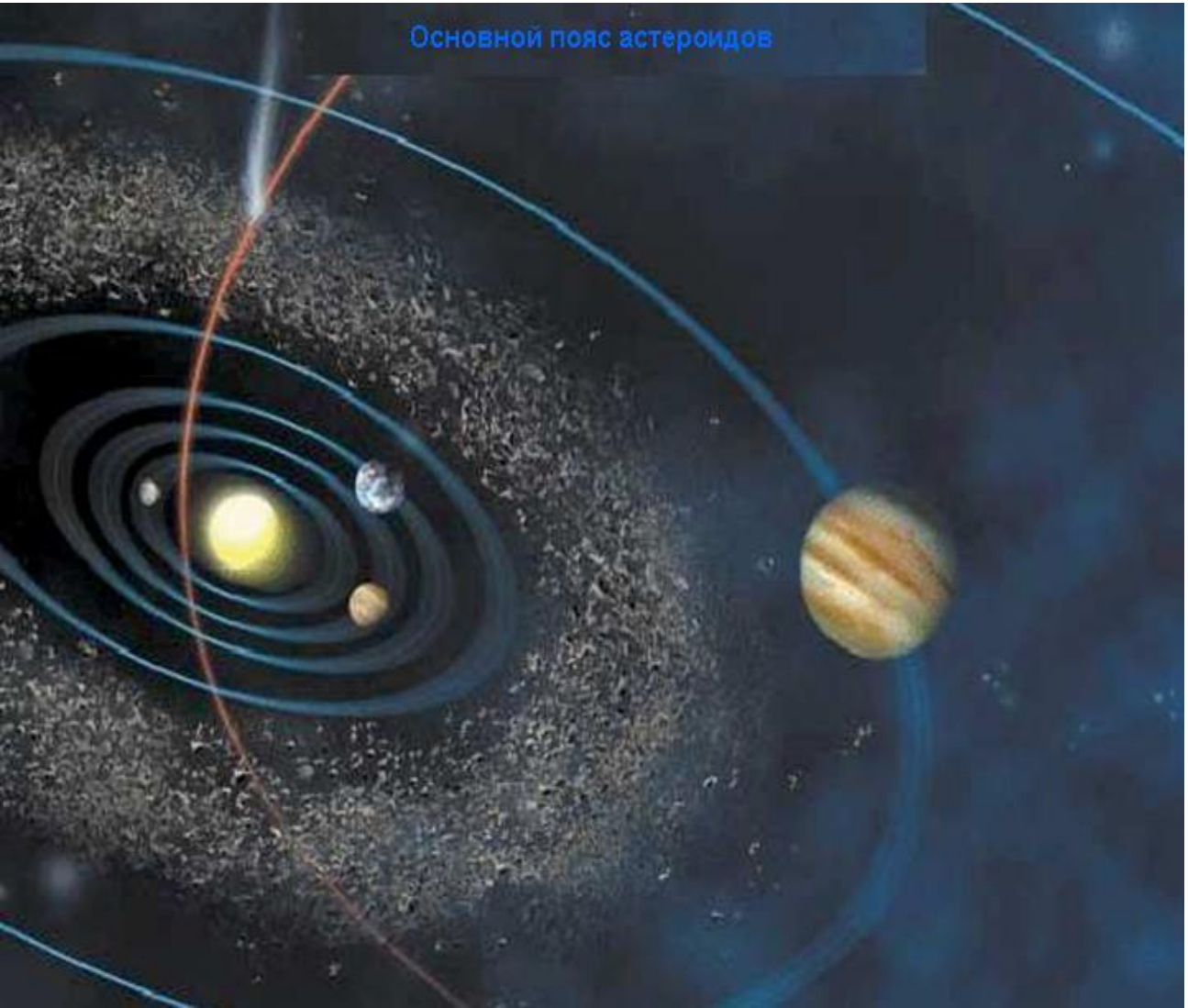


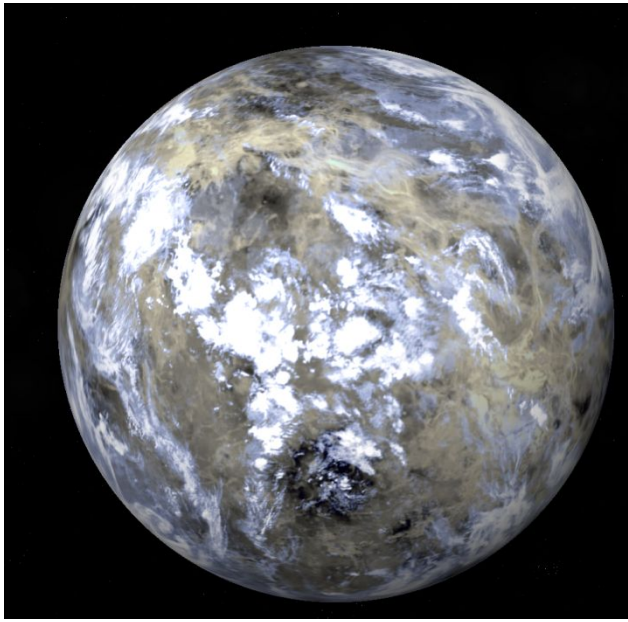
MAPC

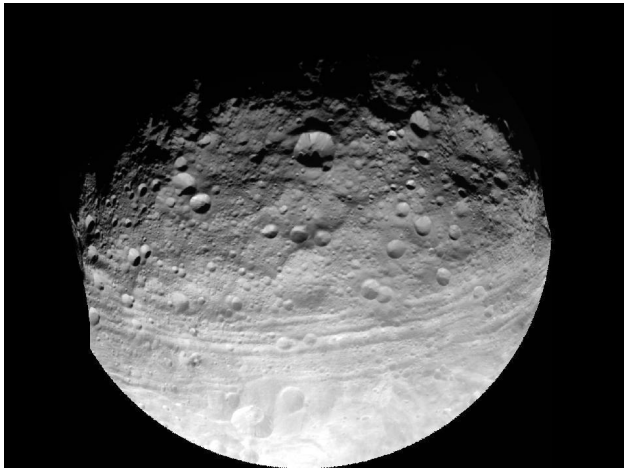




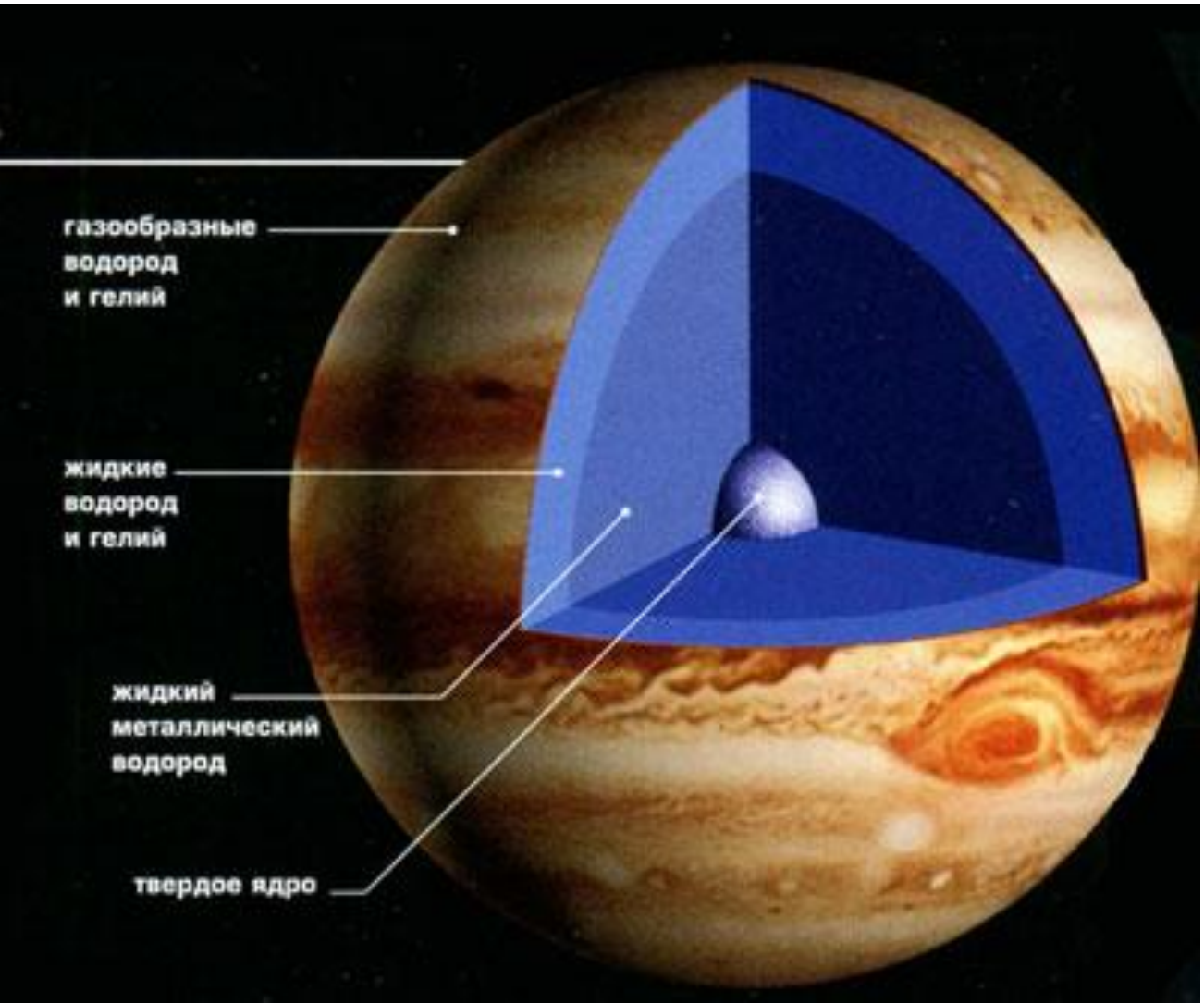
ПОЯС АСТЕРОИДОВ

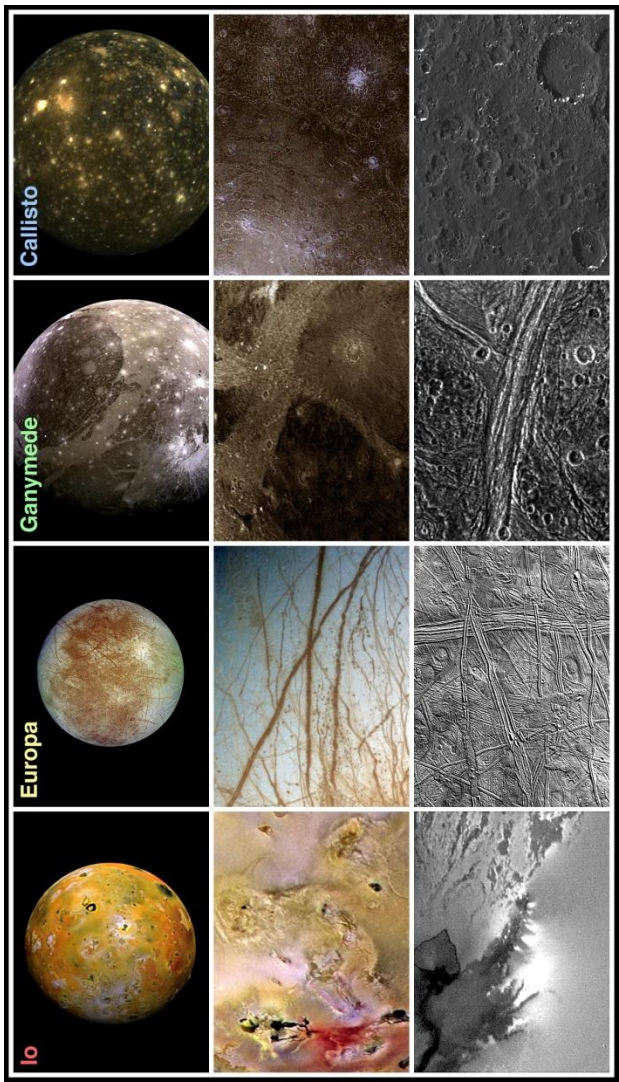




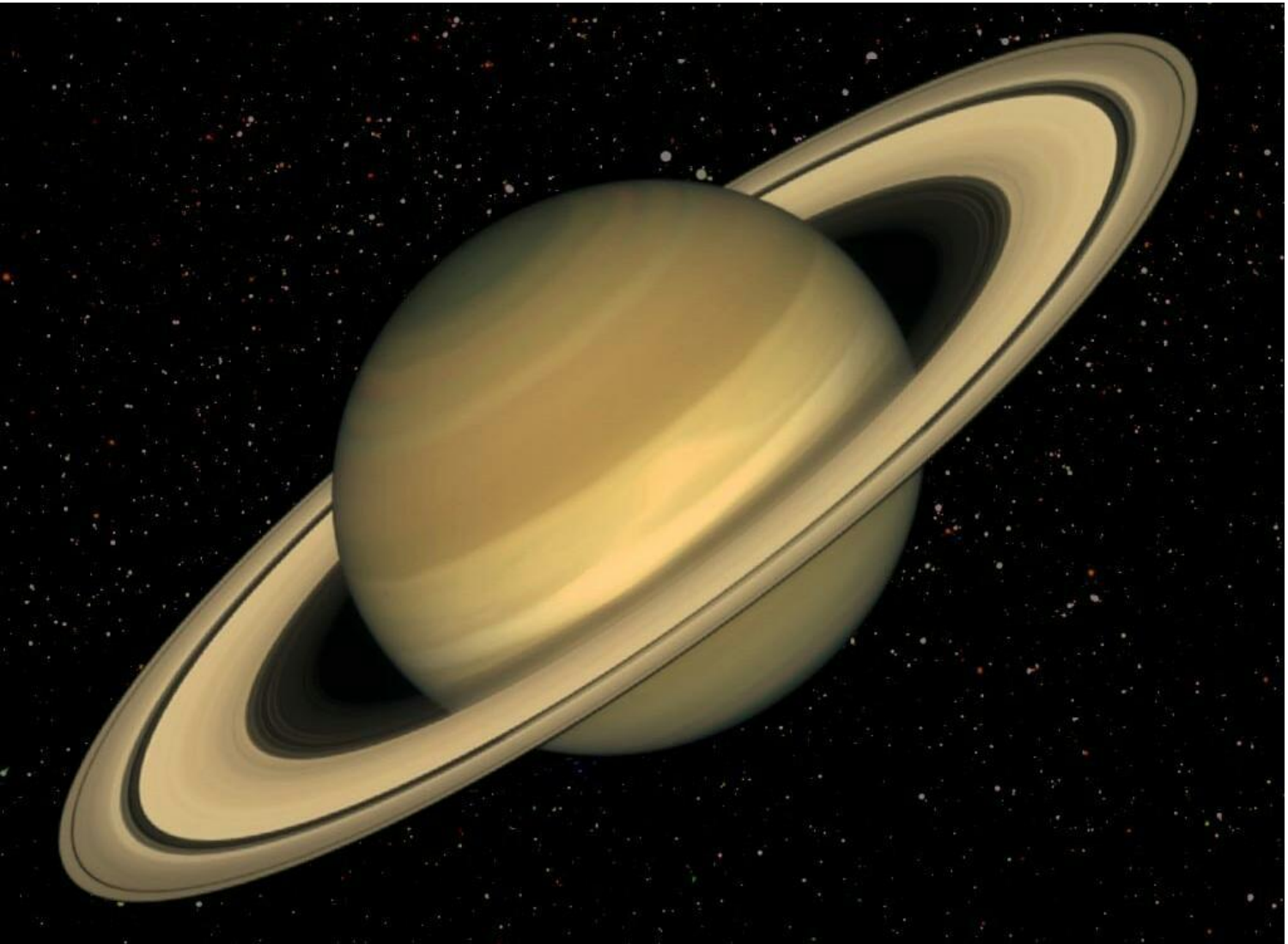


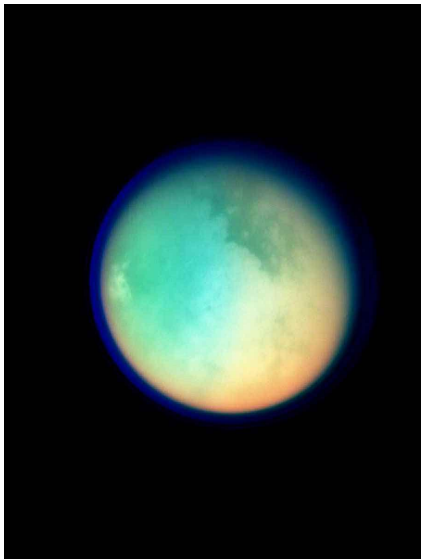
ЮПИТЕР


газообразные
водород
и гелий
жидкие
водород
и гелий
жидкий
металлический
водород
твердое ядро


Callisto
Ganymede
Europa
Io

САТУРН





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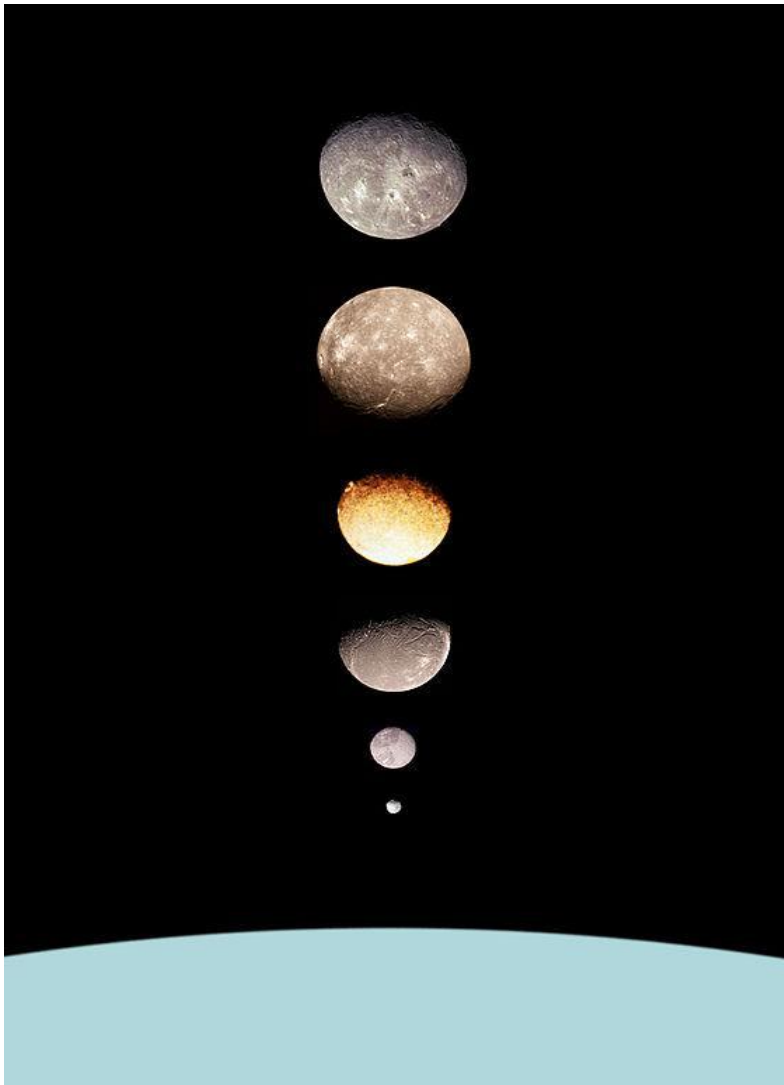
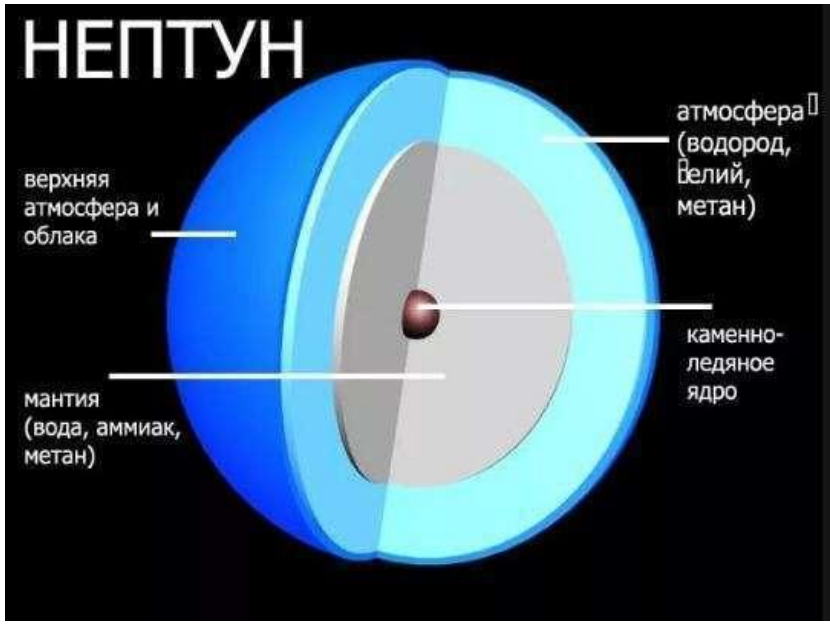


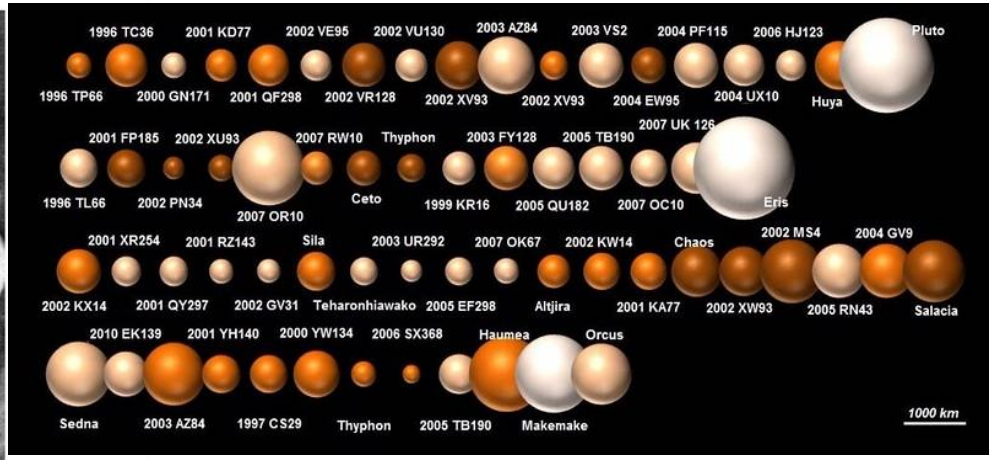
НЕПТУН

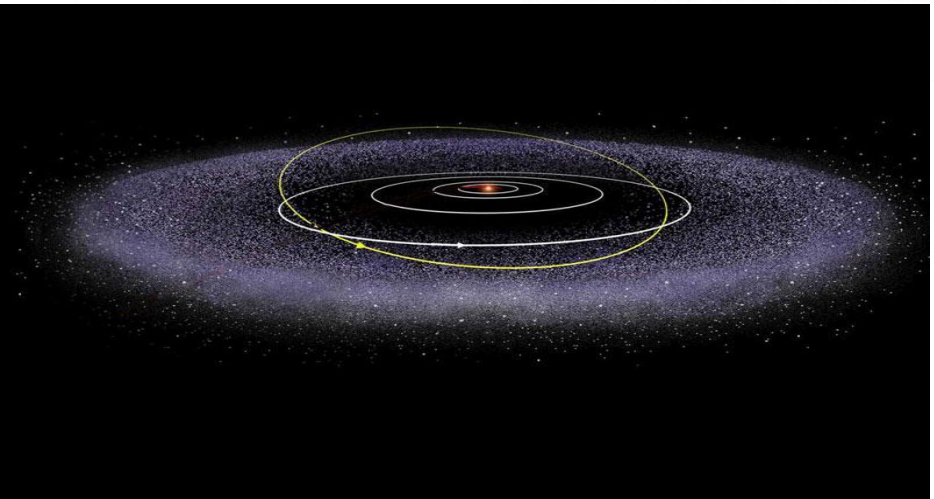

НЕПТУН
атмосфера (водород, гелий, метан)
верхняя атмосфера и облака
каменно-ледяное ядро
мантия (вода, аммиак, метан)

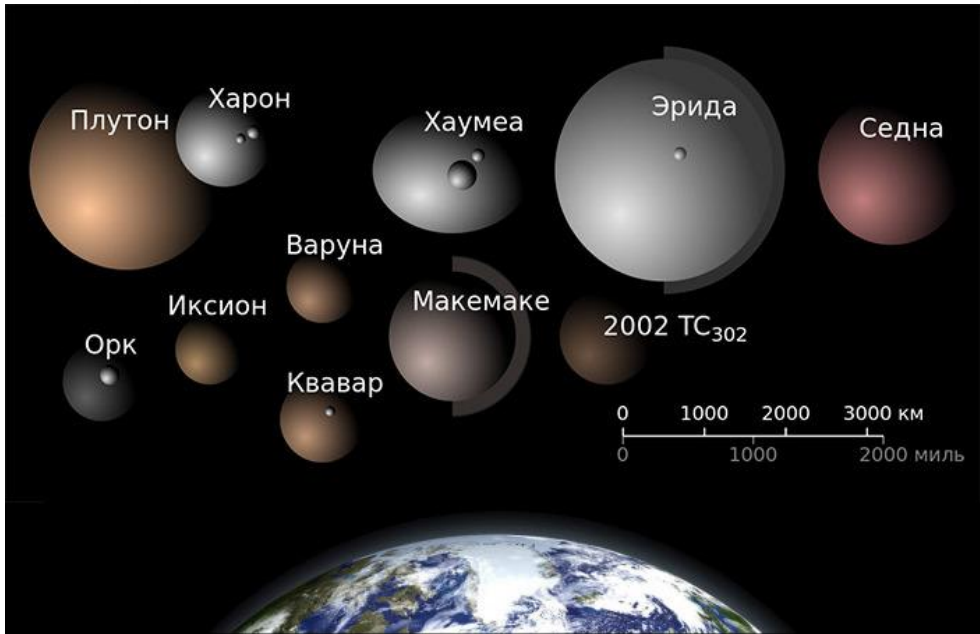
Тритон
Протей
Ларисса
Нереида
Галатея
Наяда
Деспина
Таласса

ПОЯС КОЙПЕРА

Джерард Петер Койпер
(1905 – 1973)





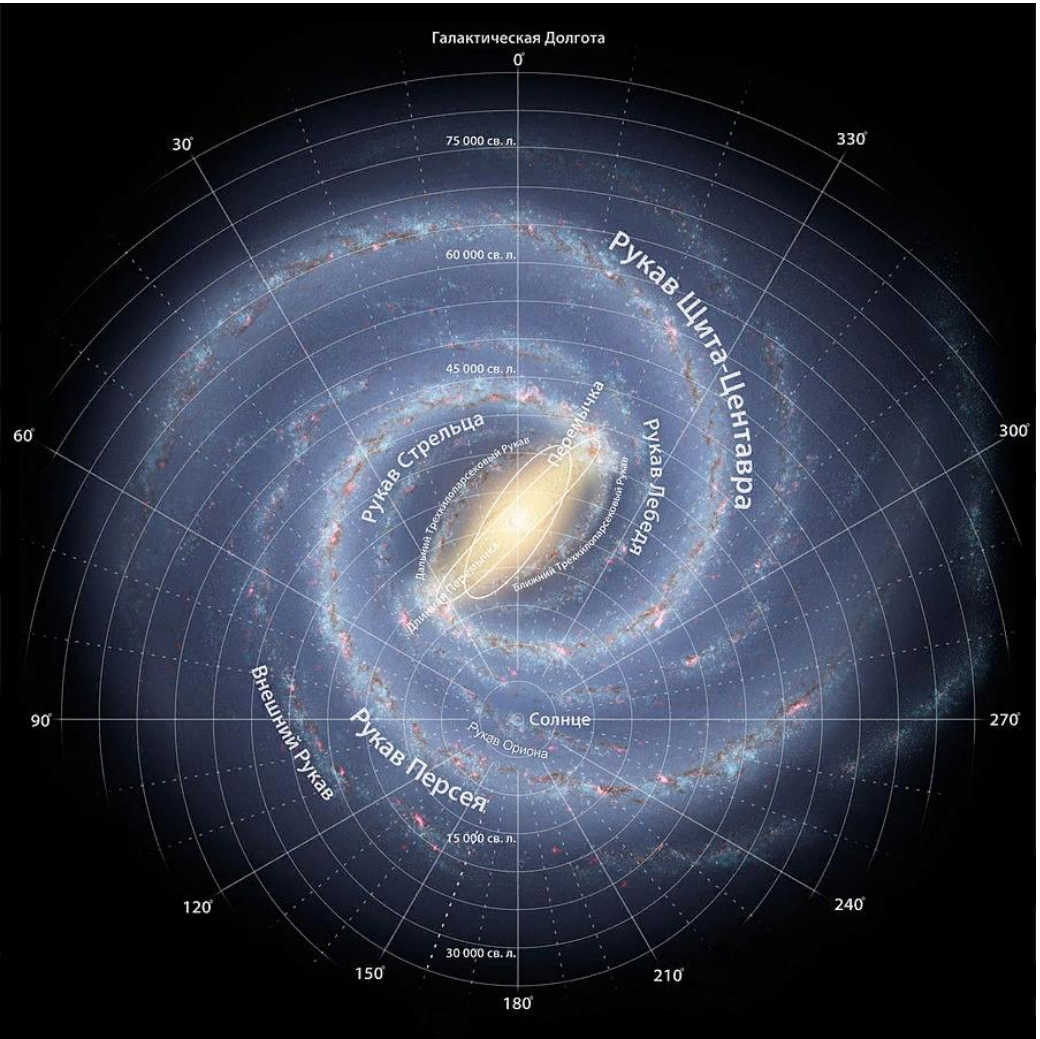


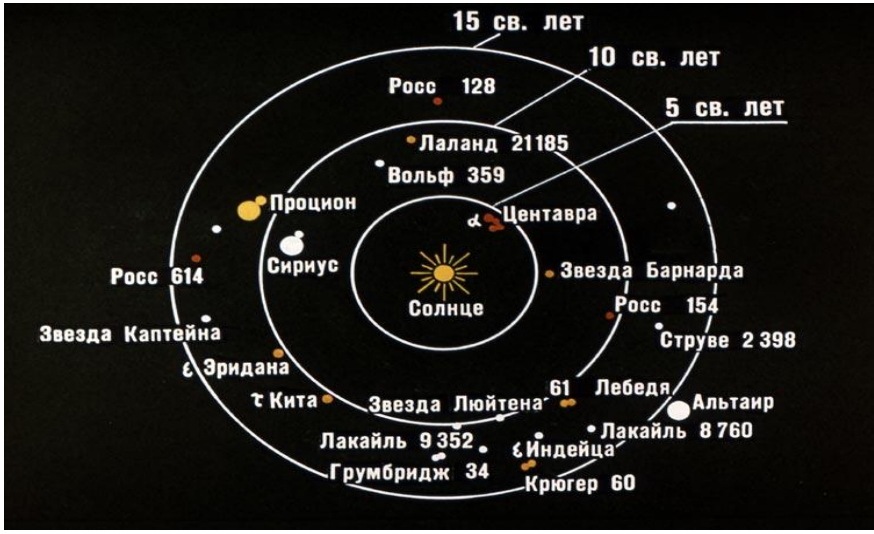
ОБЛАКО ООРТА

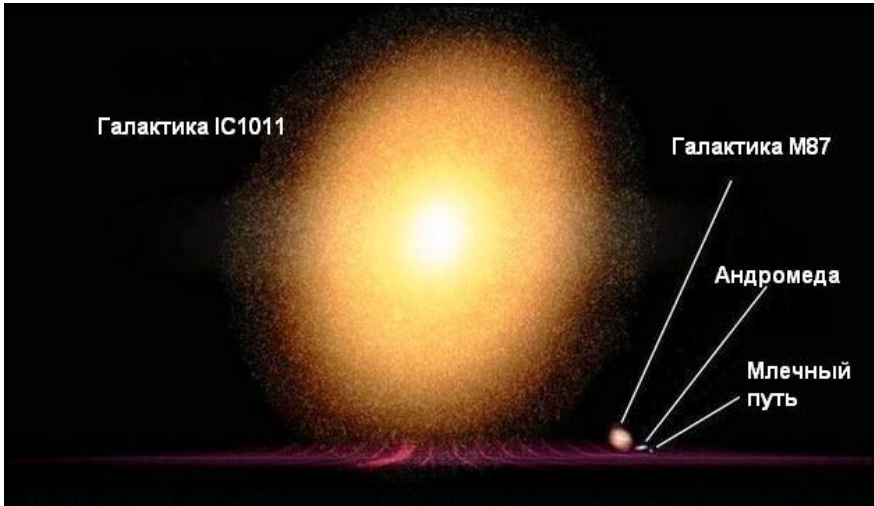
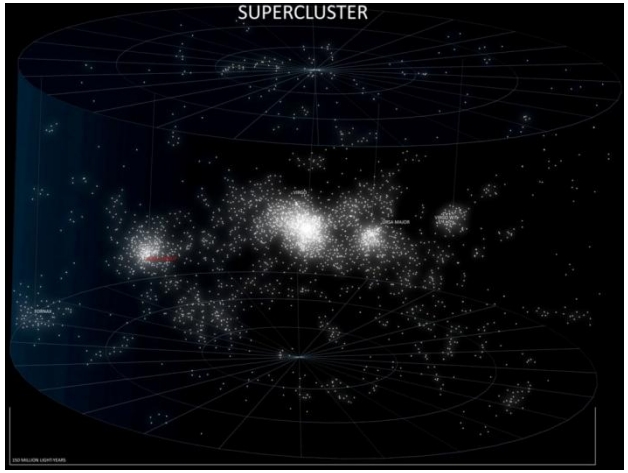
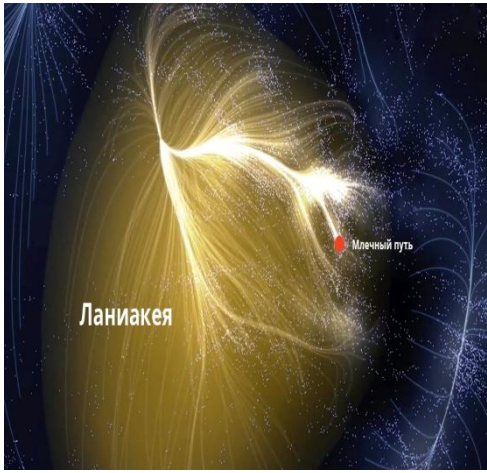
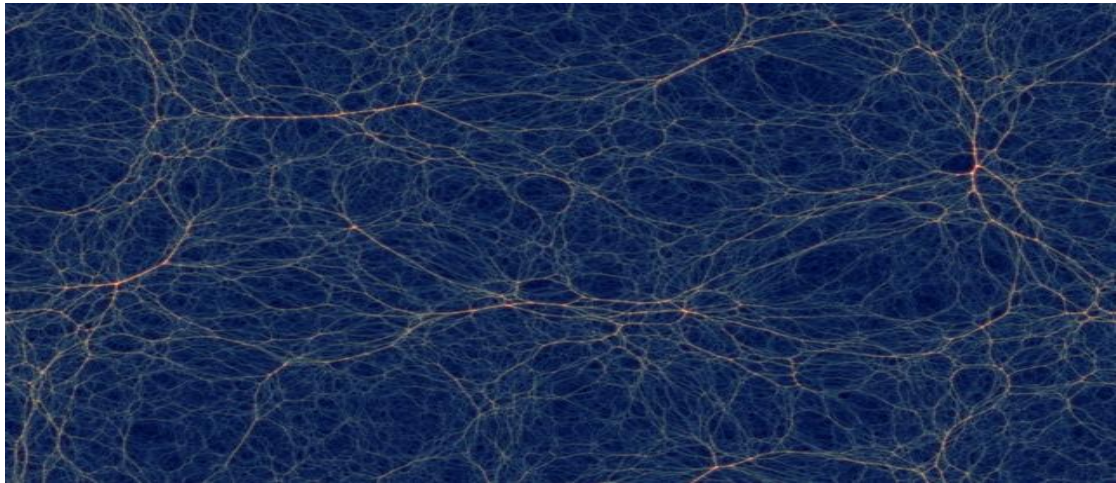
ЯН ООРТ
1900-1992

Строение кометы

ГАЛАКТИКА МЛЕЧНЫЙ ПУТЬ







СКОПЛЕНИЯ И СВЕРХСКОПЛЕНИЯ ГАЛАКТИК