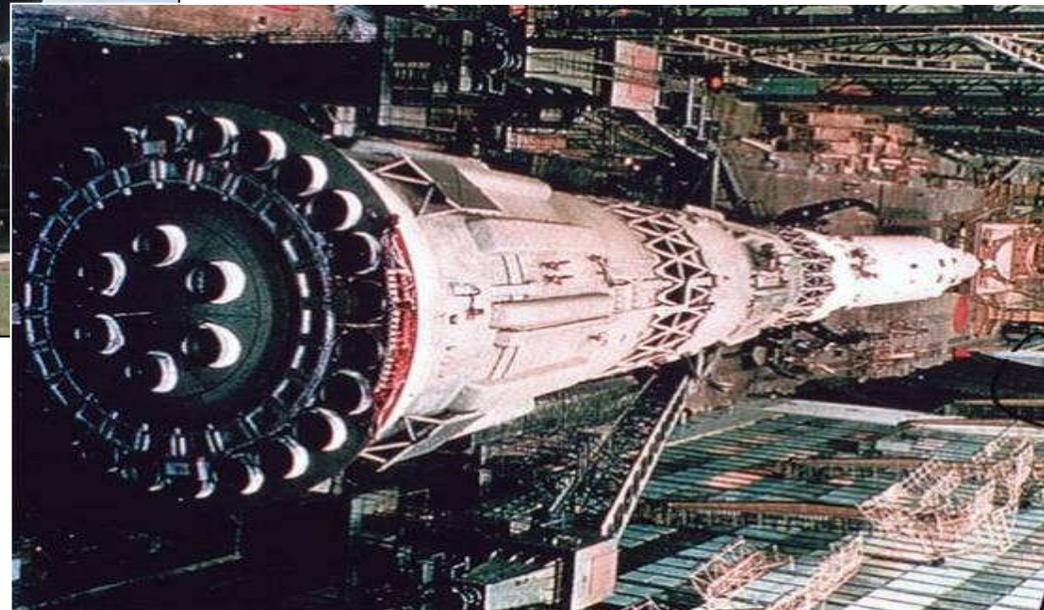
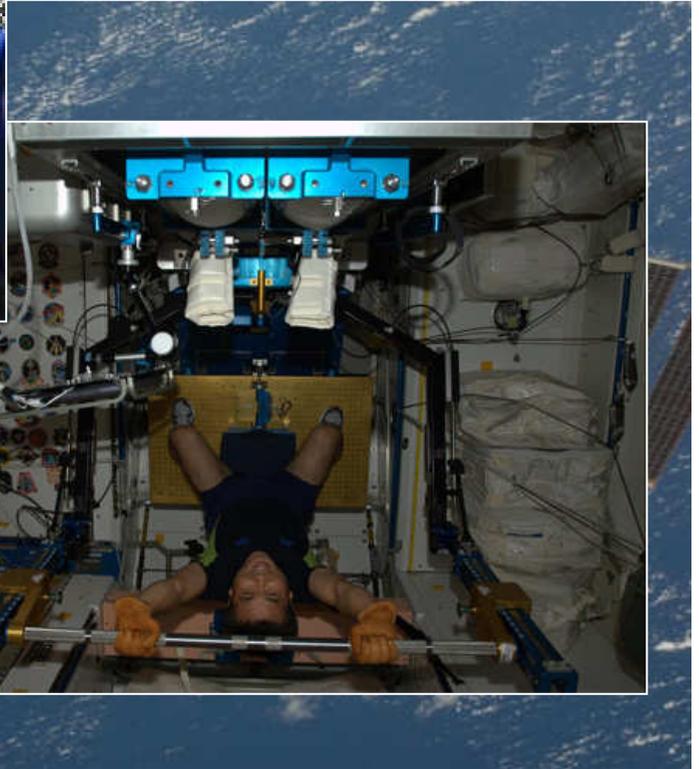
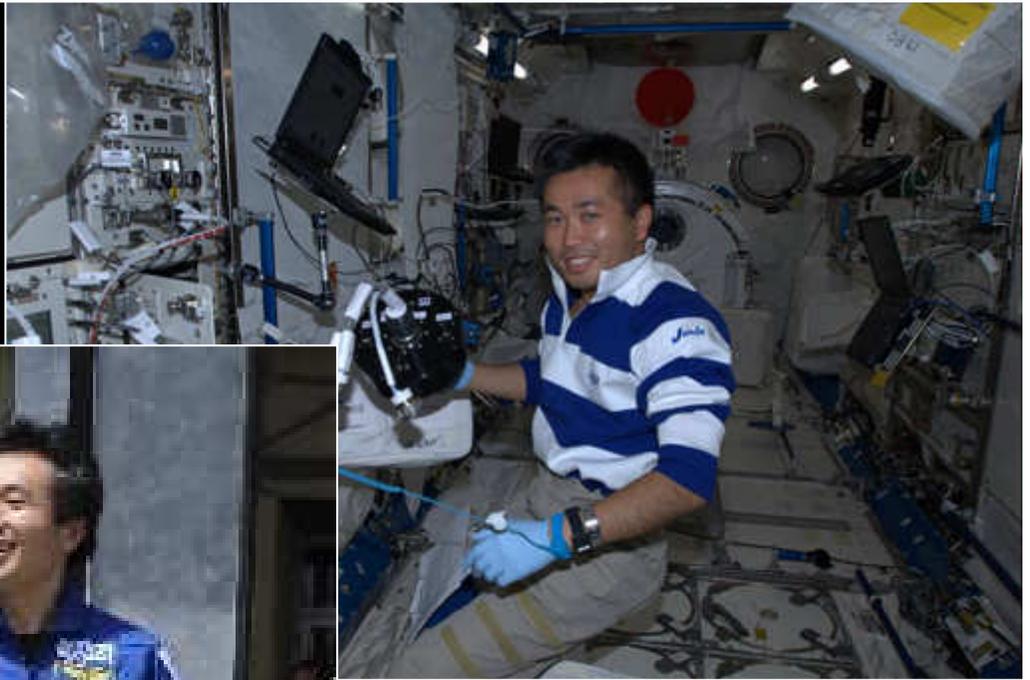
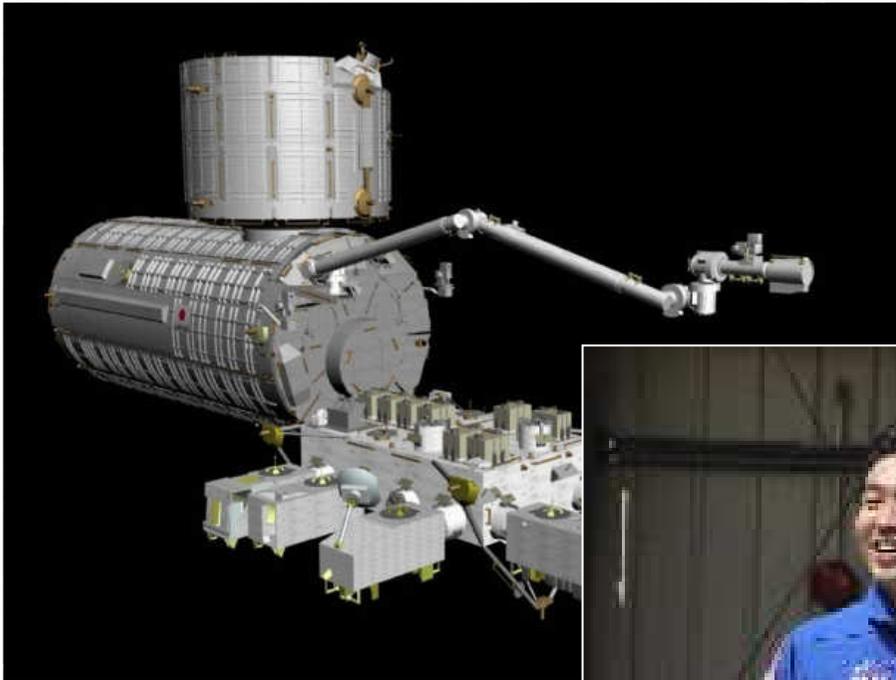
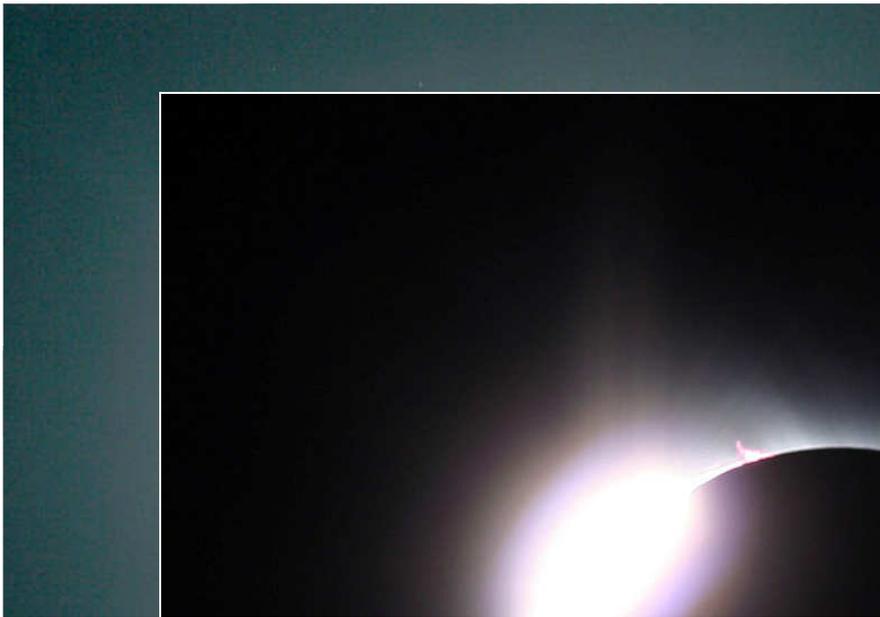


創造性育成塾2009
2009. 8. 6
的川泰宣

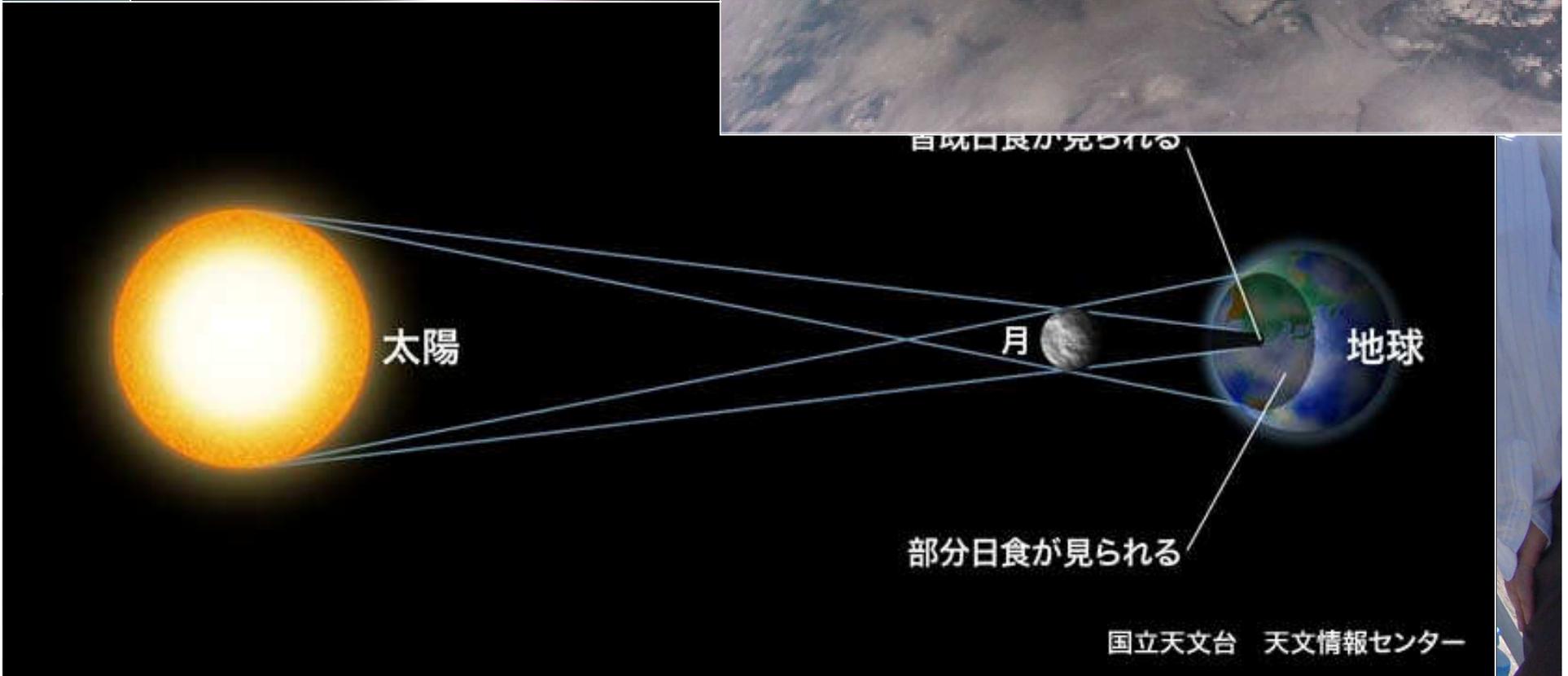


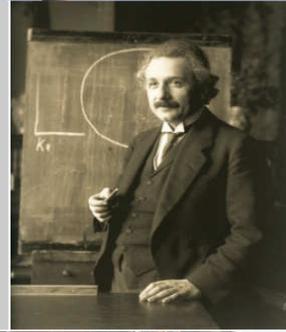
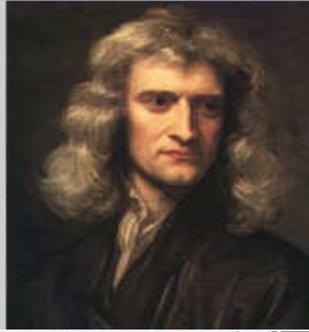
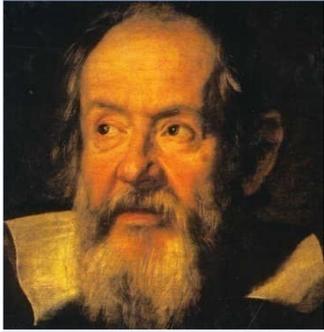
アポロとソユーズの軌跡
21世紀の跳躍台として





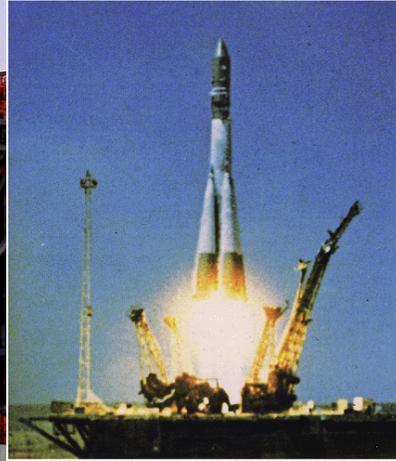
日食が見られる



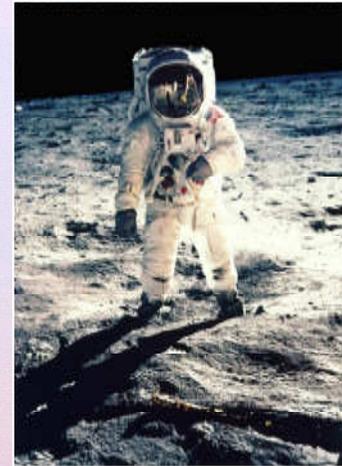


何をしたかったのか？
行きたい・創りたい・知りたい

ツィオルコフスキー



ガガーリン

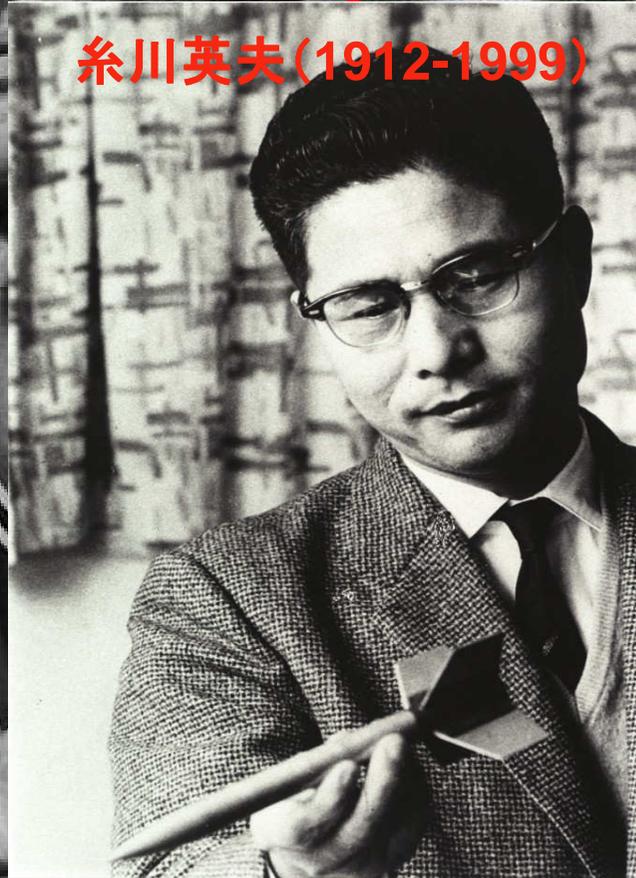


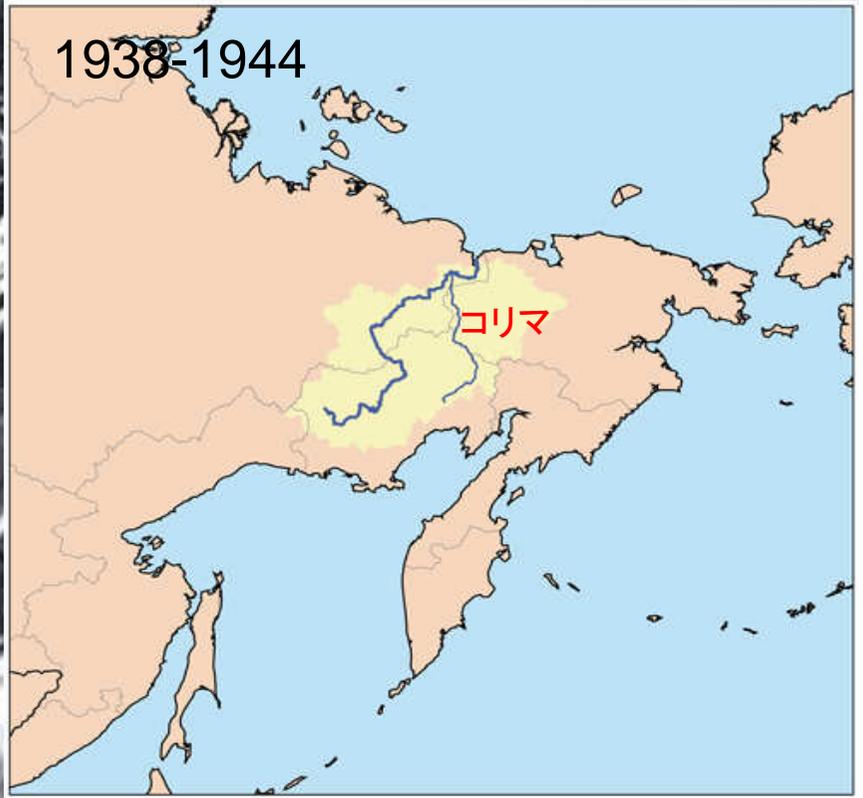
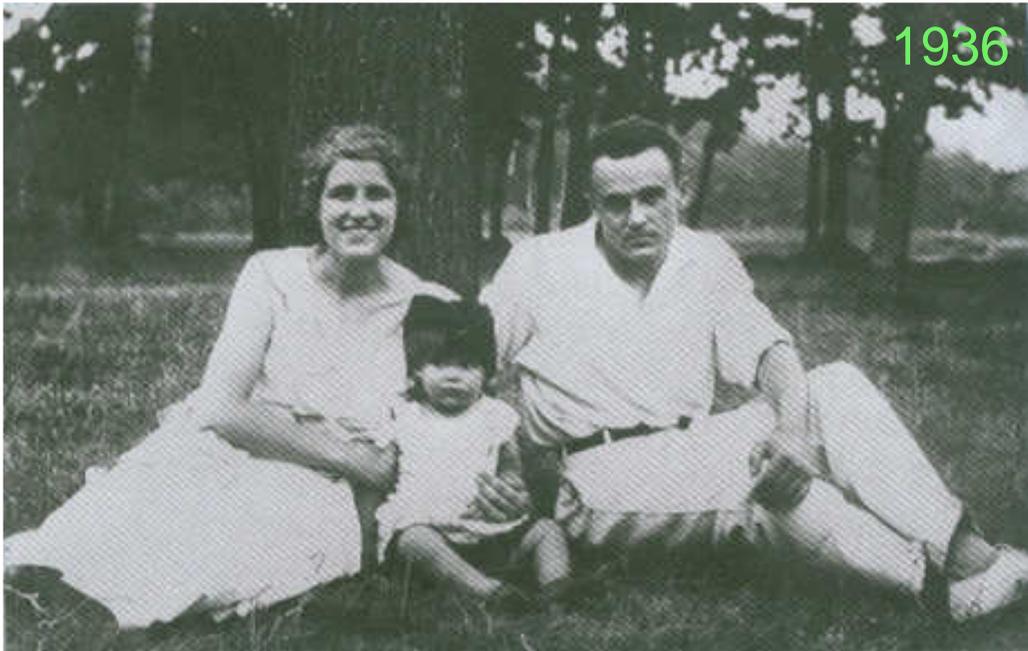
Wernher von Braun (1912-1977)

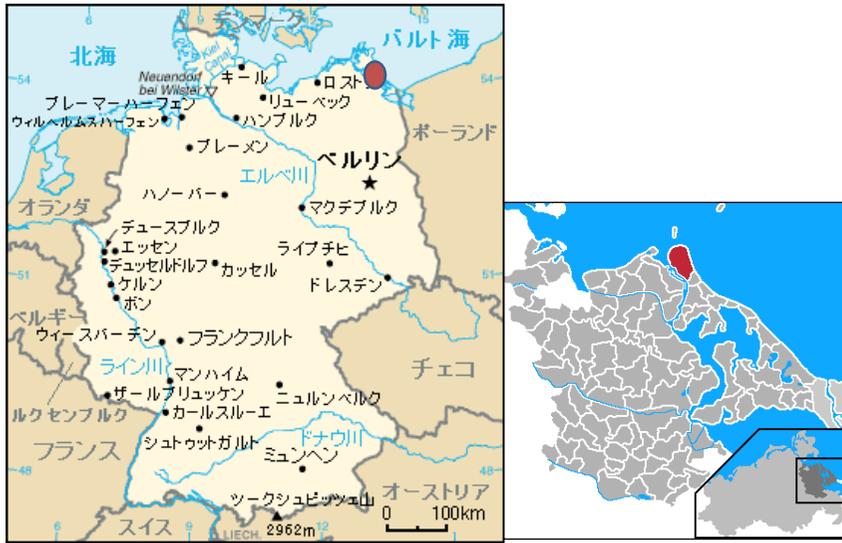
Sergei P. Korolev (1907-1966)

三つの挑戦

糸川英夫 (1912-1999)







Wolfgang Peibel et W. von Braun en 1932



渋滞状況

その他...

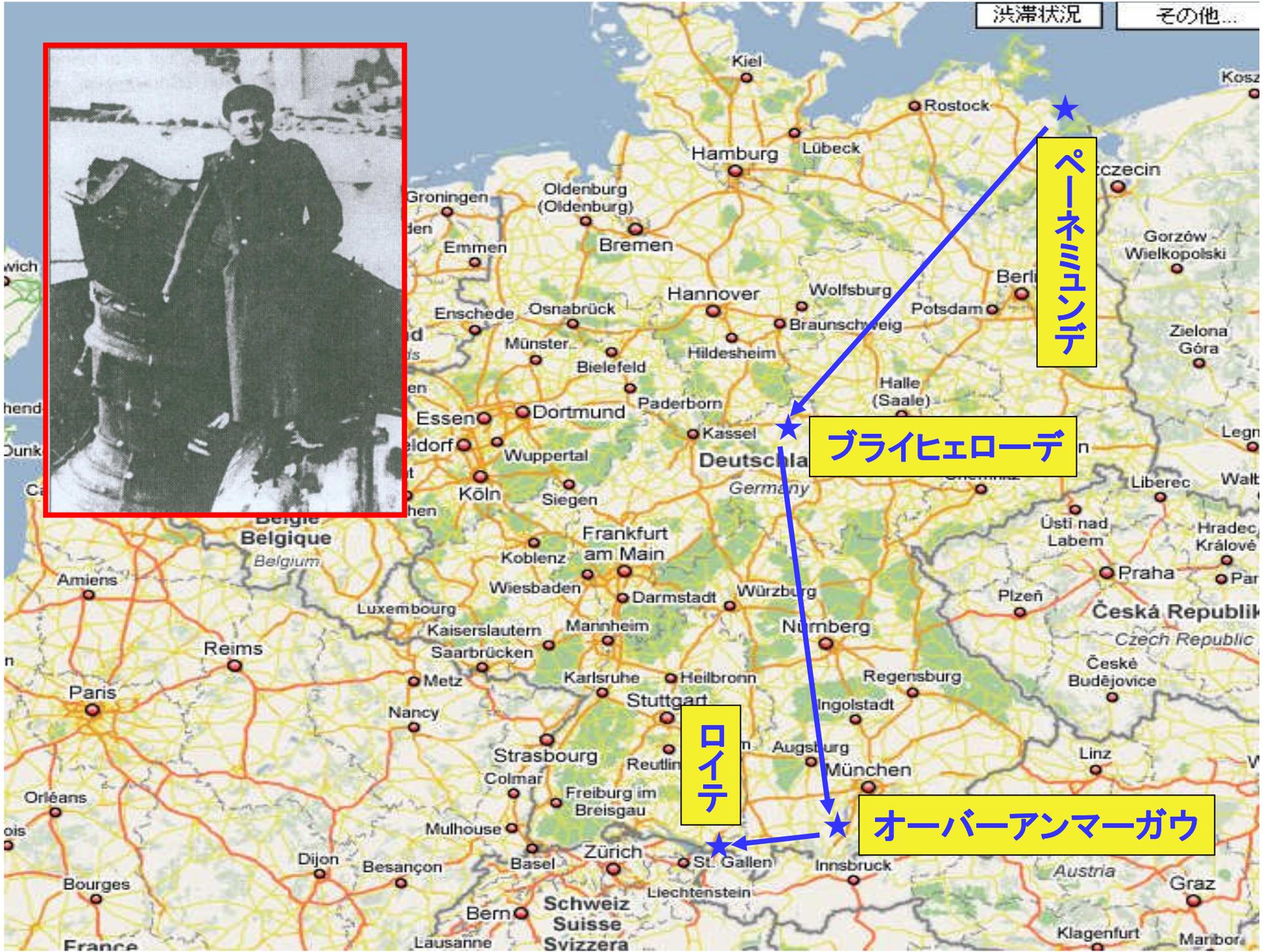


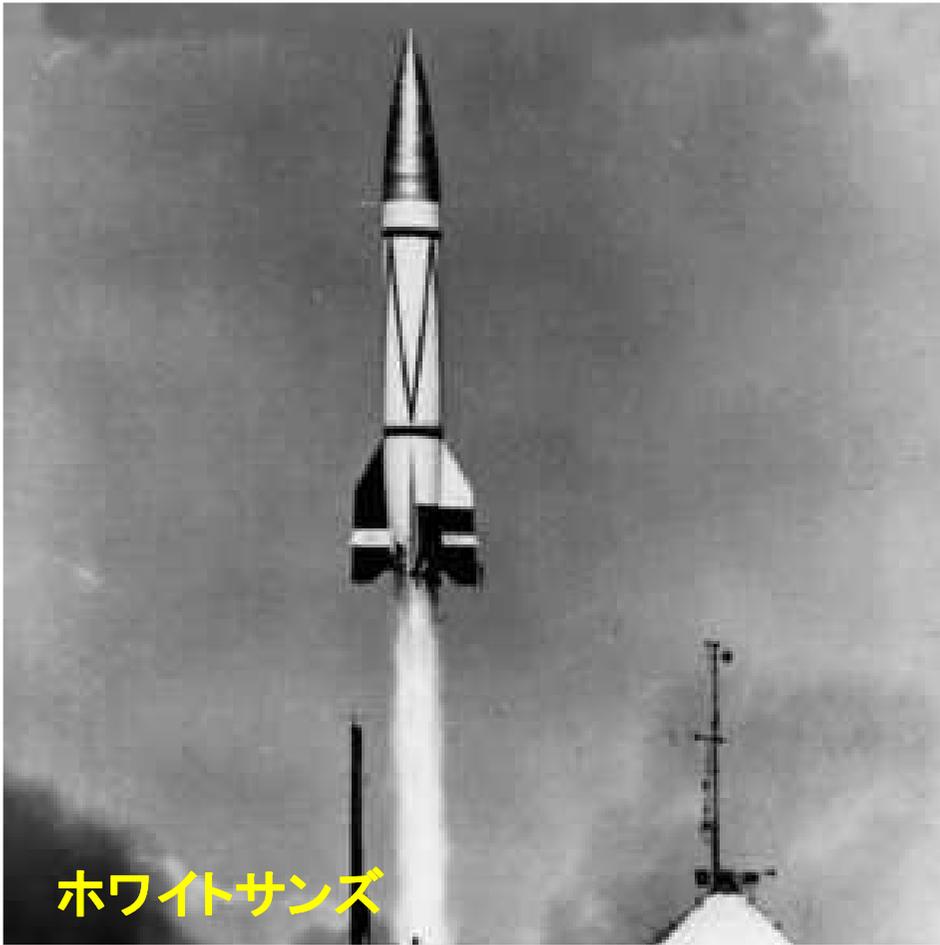
ペーネムントデ

ブライヒエローデ

ロイテ

オーバーアンマーガウ

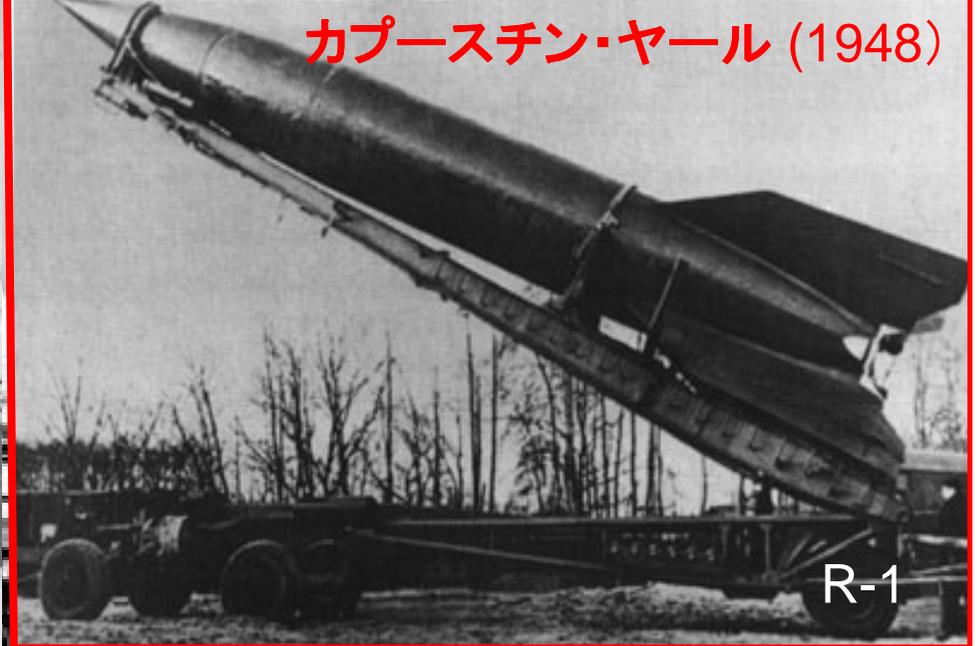




ホワイトサンズ



カプスチン・ヤール (1948)

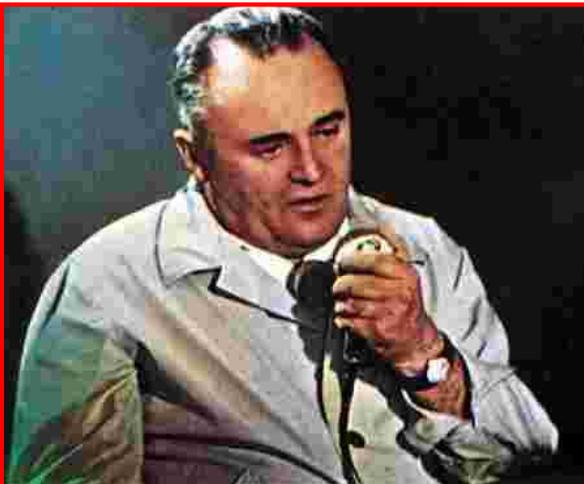


R-1

1957.12.6



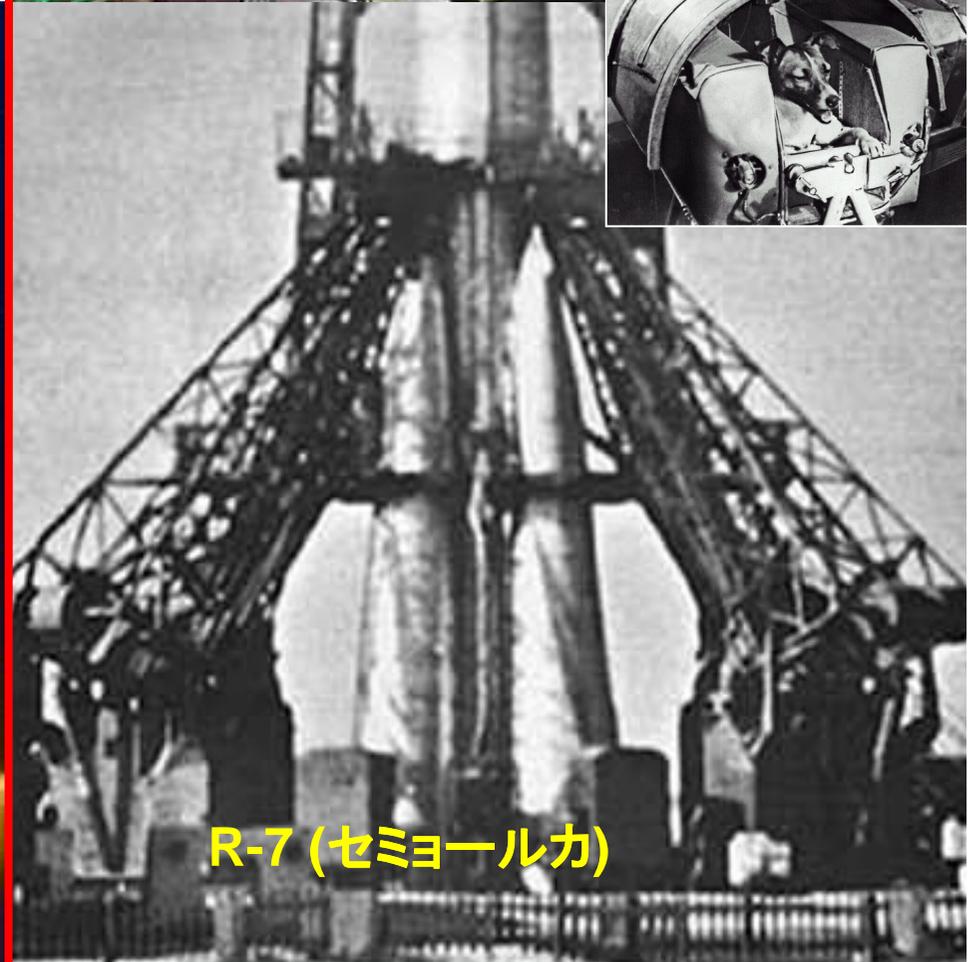
1958.1.31



1957.10.4



1957.11.3



R-7 (セミョールカ)

ライトスタッフ



1966



コロリョフ 突然の死

Leonid Brezhnev and other officials carry Korolev's coffin to the Kremlin wall, January 1966.

Natasha

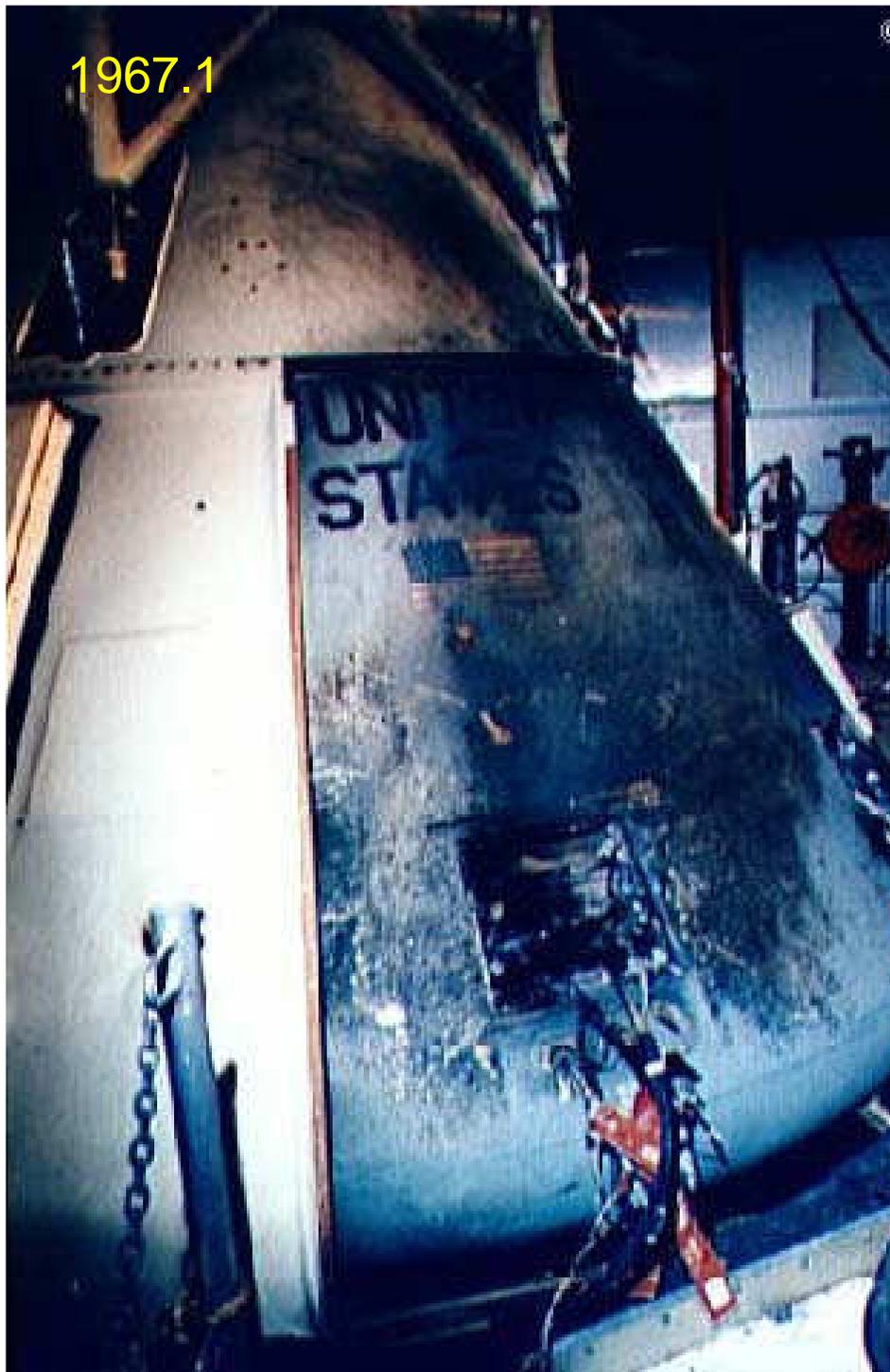
ホワイト



レオーノフ



1967.1

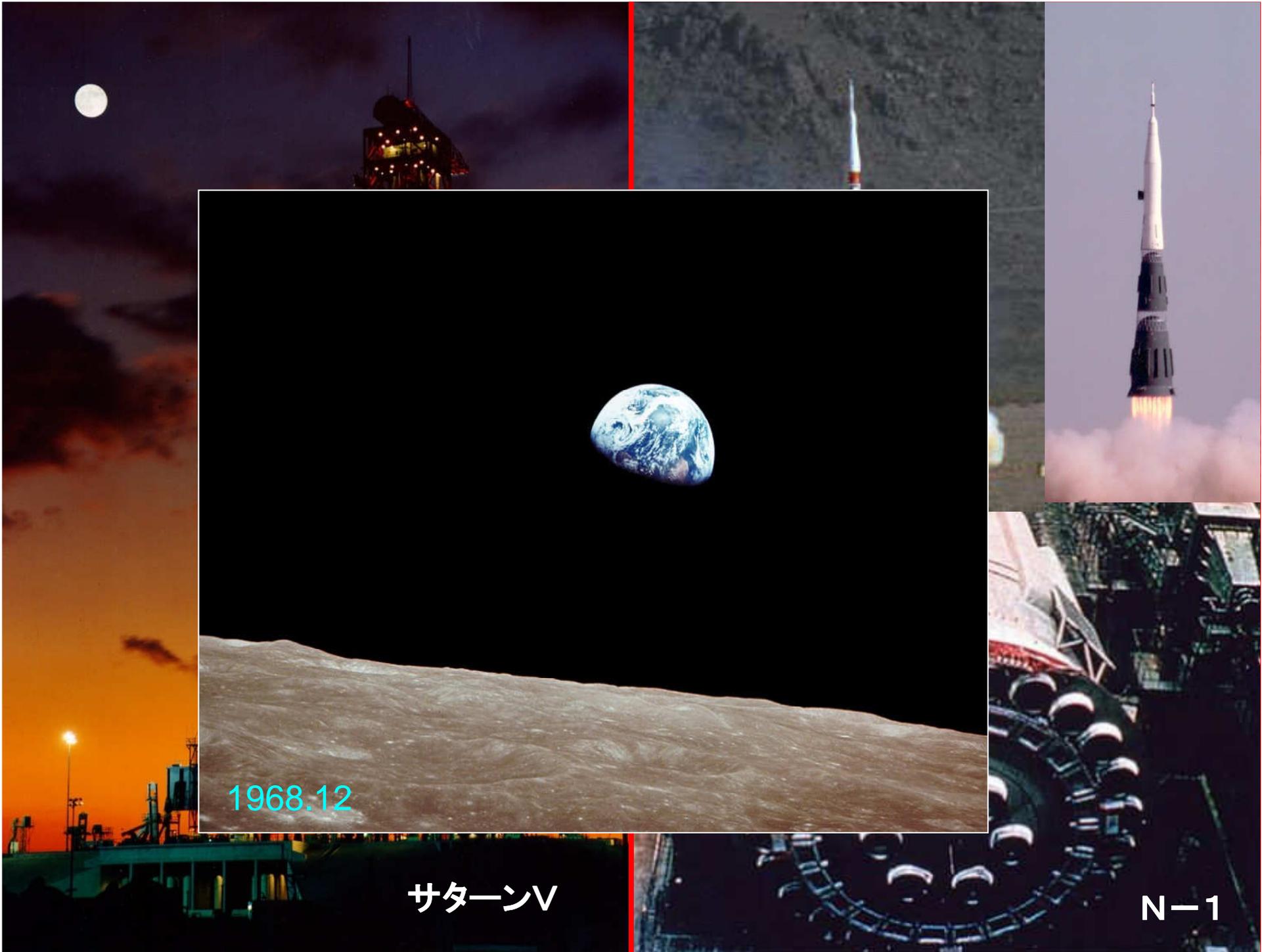


1967.4



Vladimir Komarov, "RUBIN"

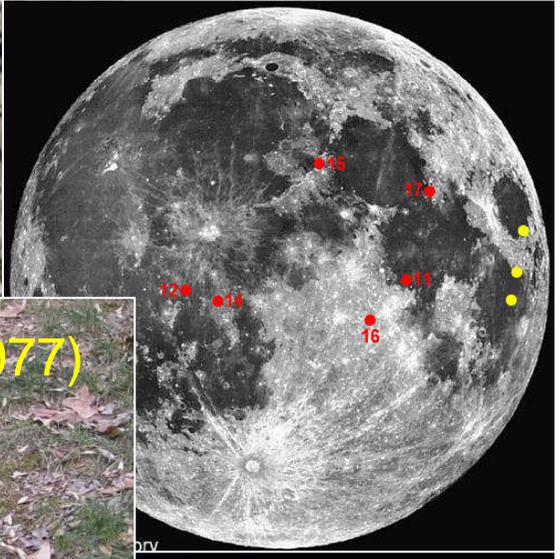
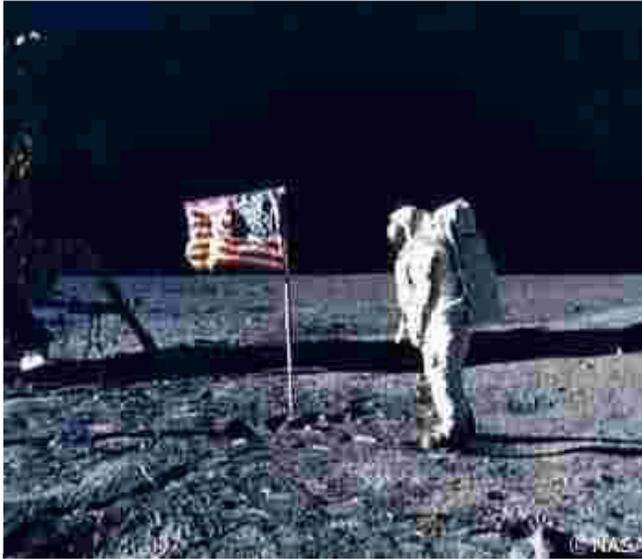




1968.12

サターンV

N-1

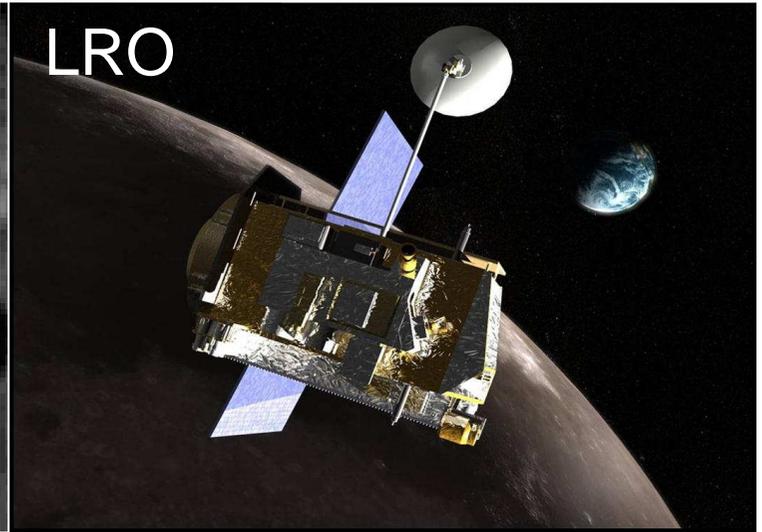


*That's one small step for [a] man,
one giant leap for mankind.*



*Whoopee! Man,
that may have been a small one for Neil,
but that's a long one for me.*

Apollo 11



LRO

Apollo 14

振り返る時代は終わった
従って行く時代は終わった
日本が独創で世界に貢献する時代

Scientific Instruments

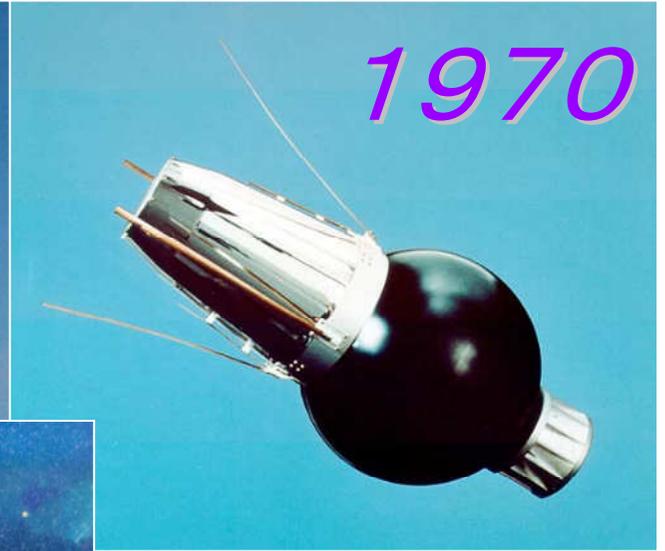
LM Shadow

Astronaut Footpath

Lunar Module
(Antares)

100 meters





1970

1970. 2
日本最初の人工衛星
「おおすみ」

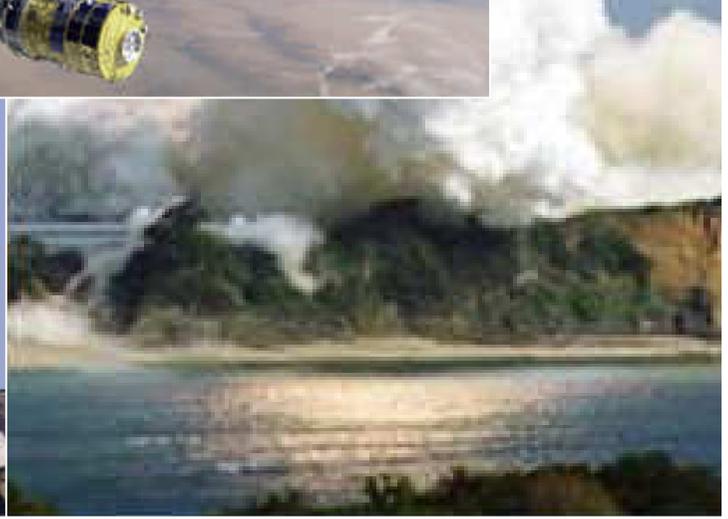
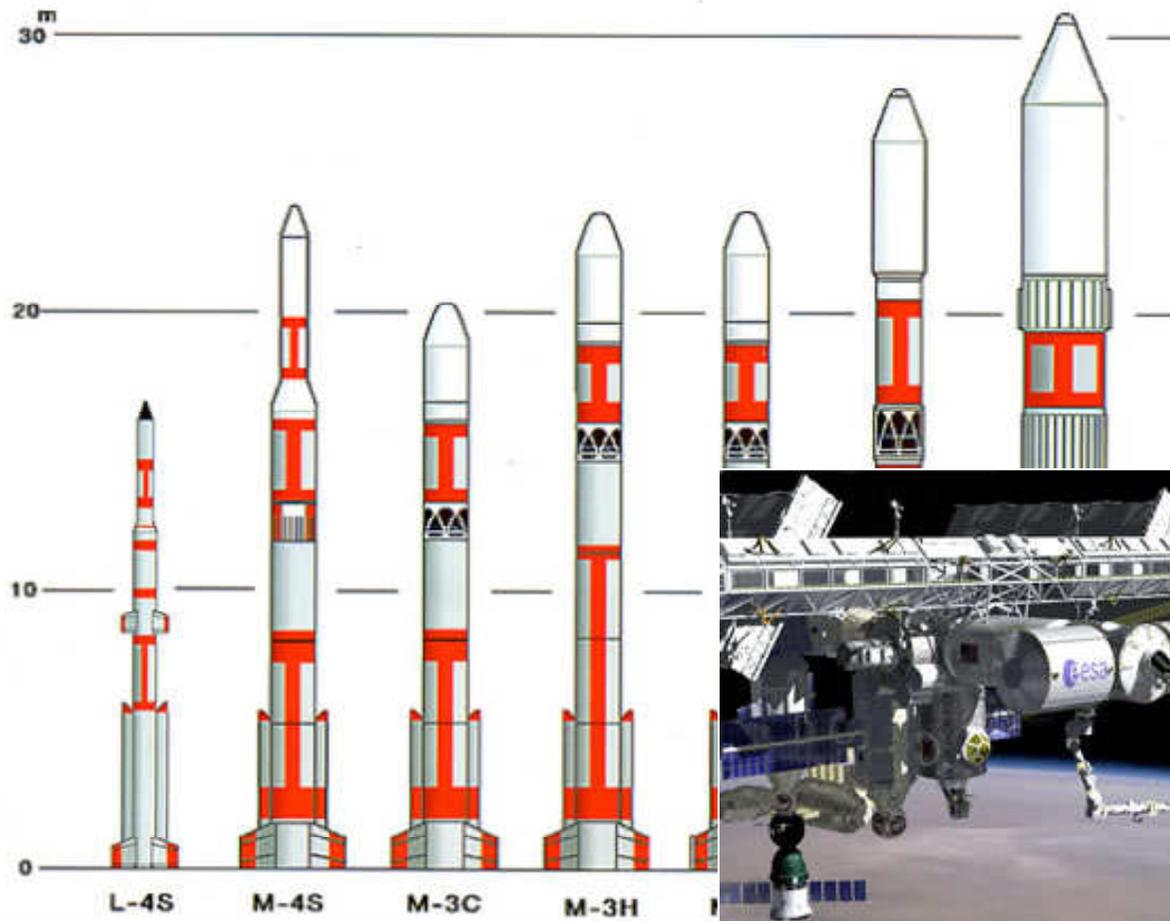
1985. 1
ハレー彗星探査
「さきがけ」



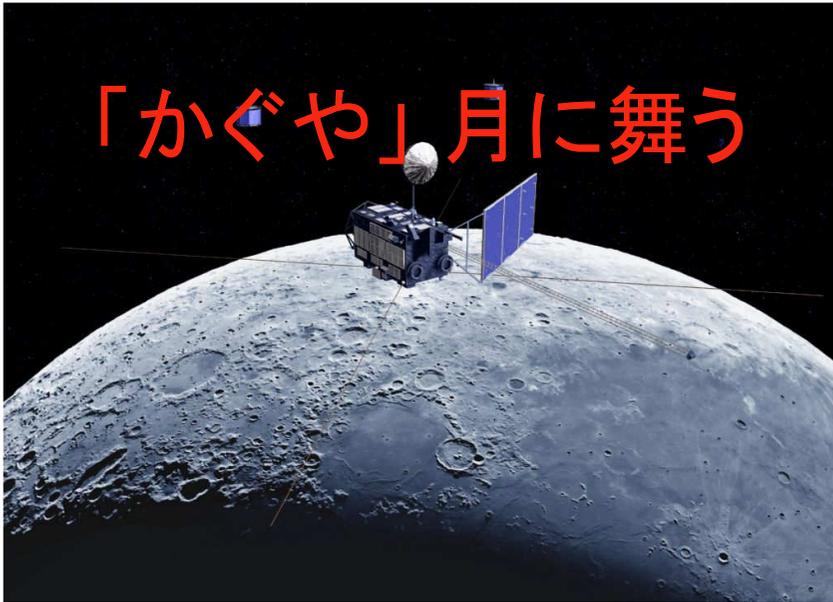
2003

小惑星からのサンプルリターン
「はやぶさ」

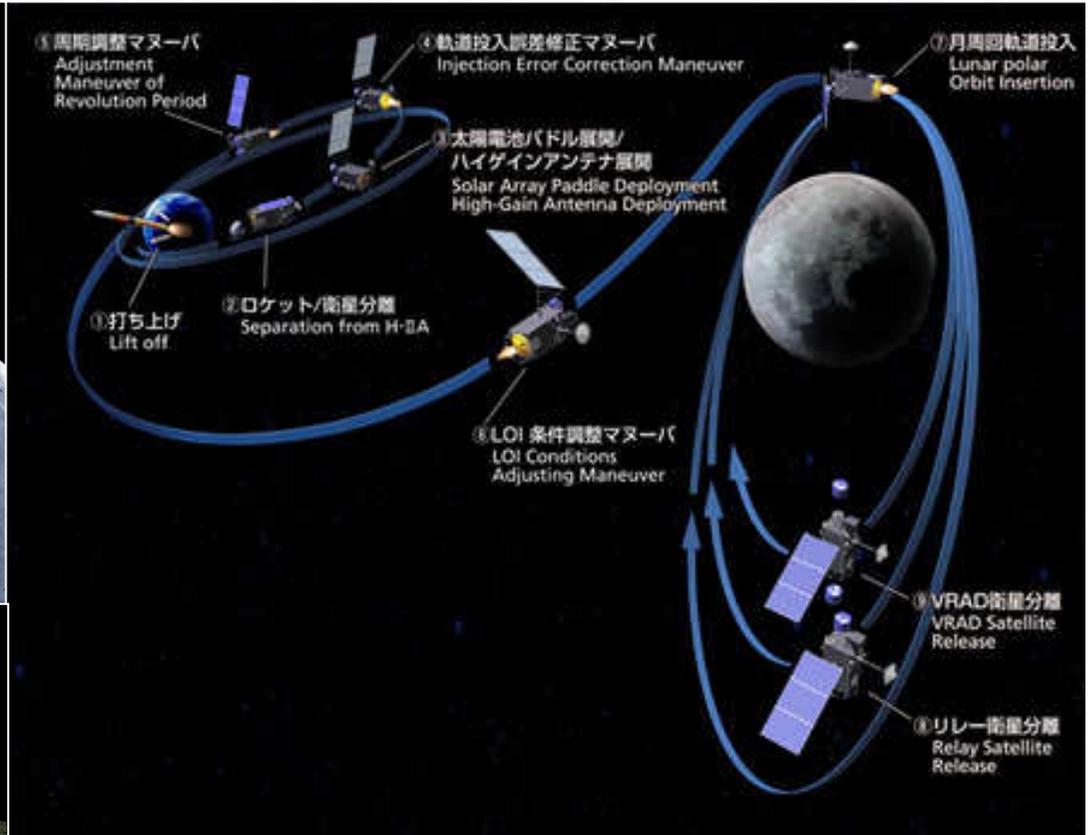




「かぐや」月に舞う



©JAXA/NHK



©JAXA/NHK



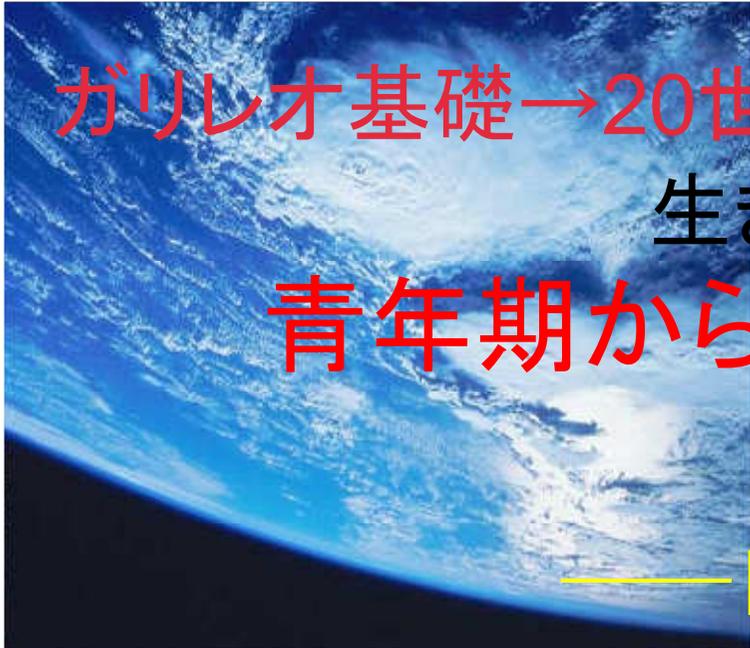
匠の心

“いのちのトライアングル”

好奇心

冒険心

和といのち

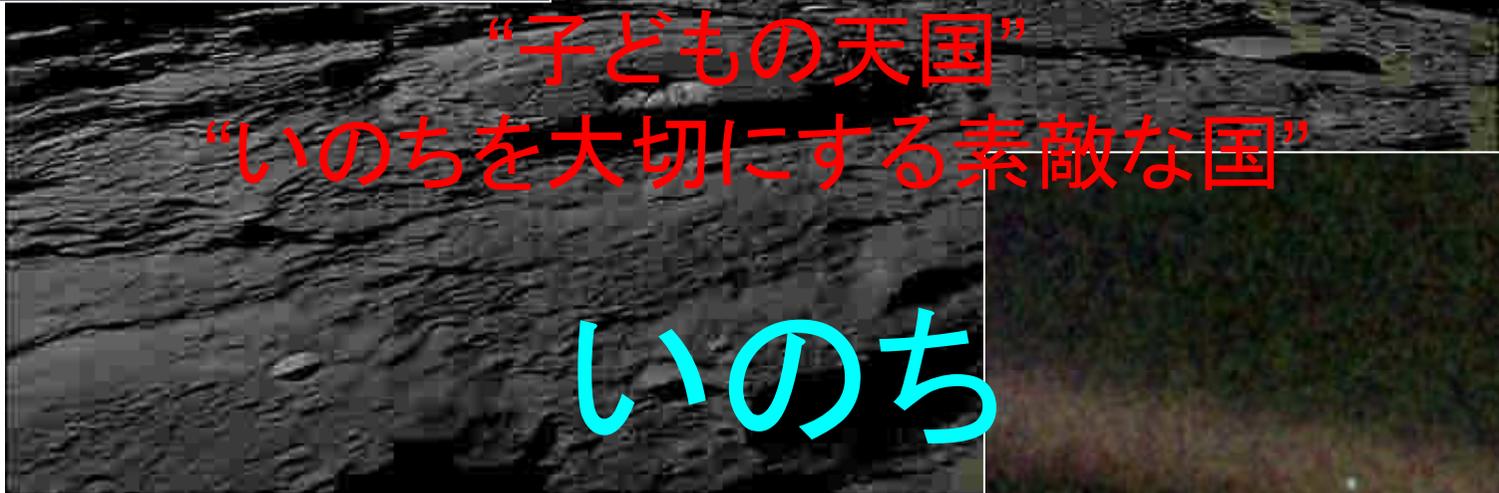


ガリレオ基礎→20世紀に宇宙が築いた足場、視座
生き物の「気持ち」

青年期から壮年期に入った人類



——日本の貢献——



“子どもの天国”

“いのちを大切にする素敵国”

いのち

宇宙の視座が地球の未来を拓く

