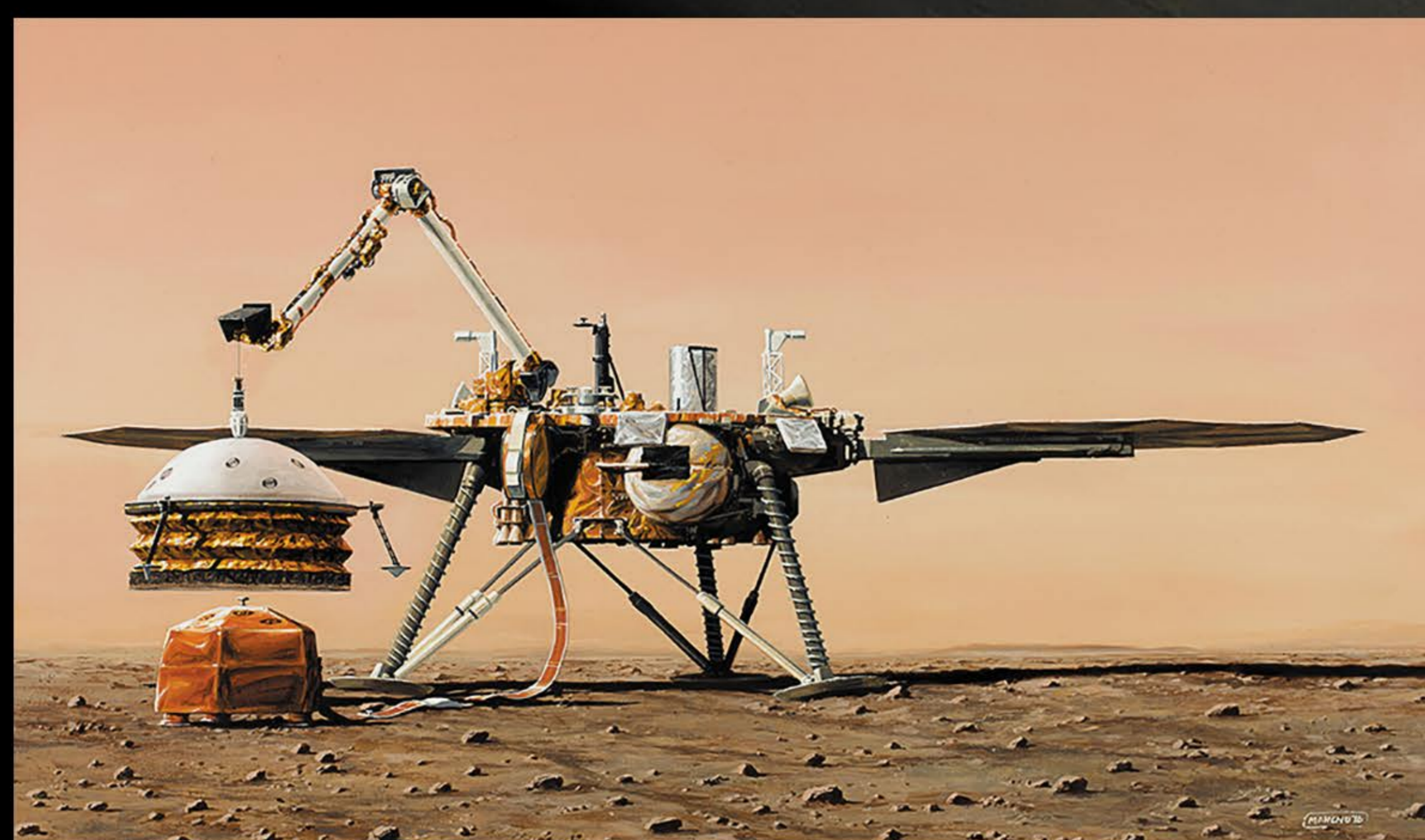


A story starting in 1976...

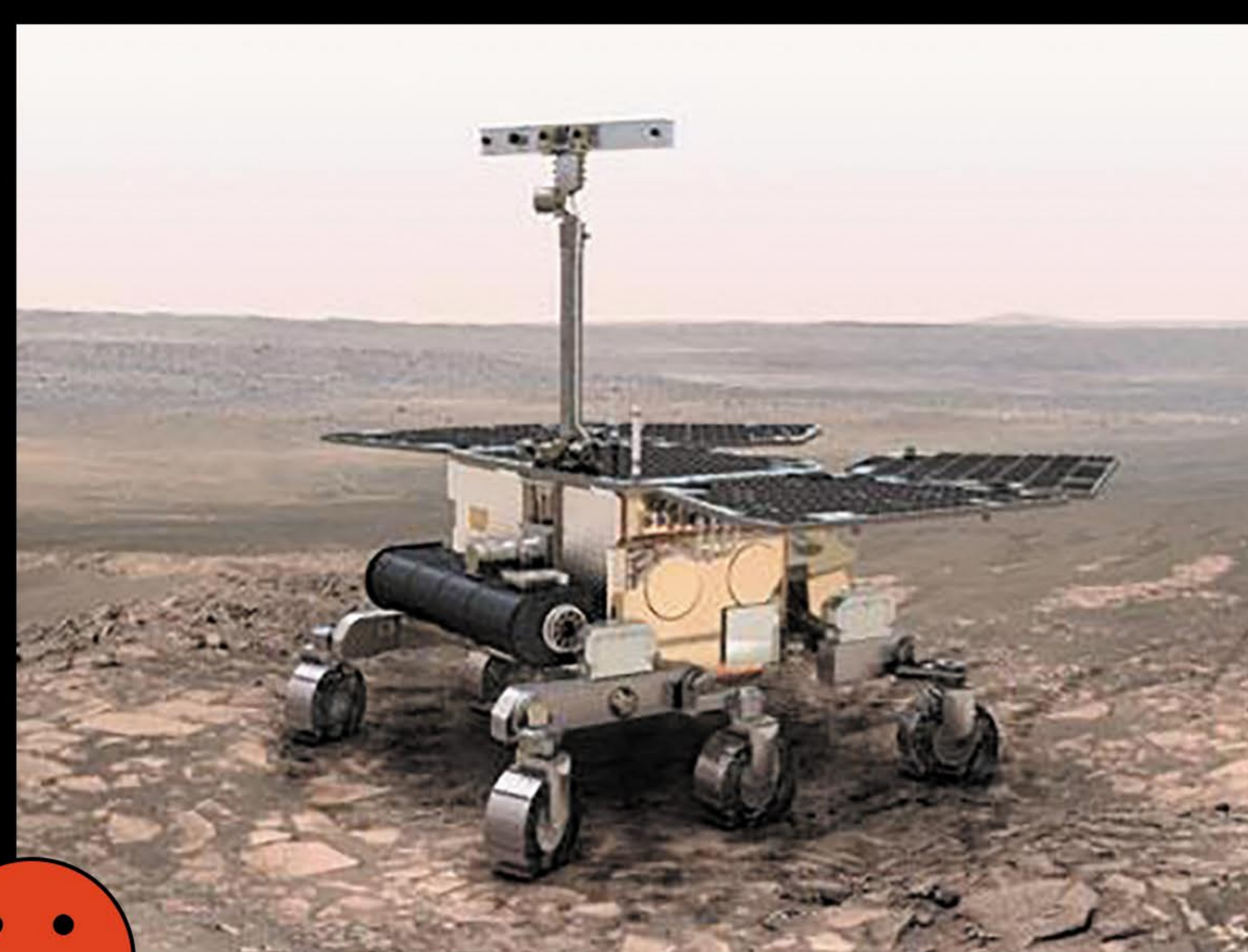


The InSight Mars mission launched in 2018 with the S.E.I.S. instrument, a seismometer composed of 3 very precise components which will be deployed by the lander.

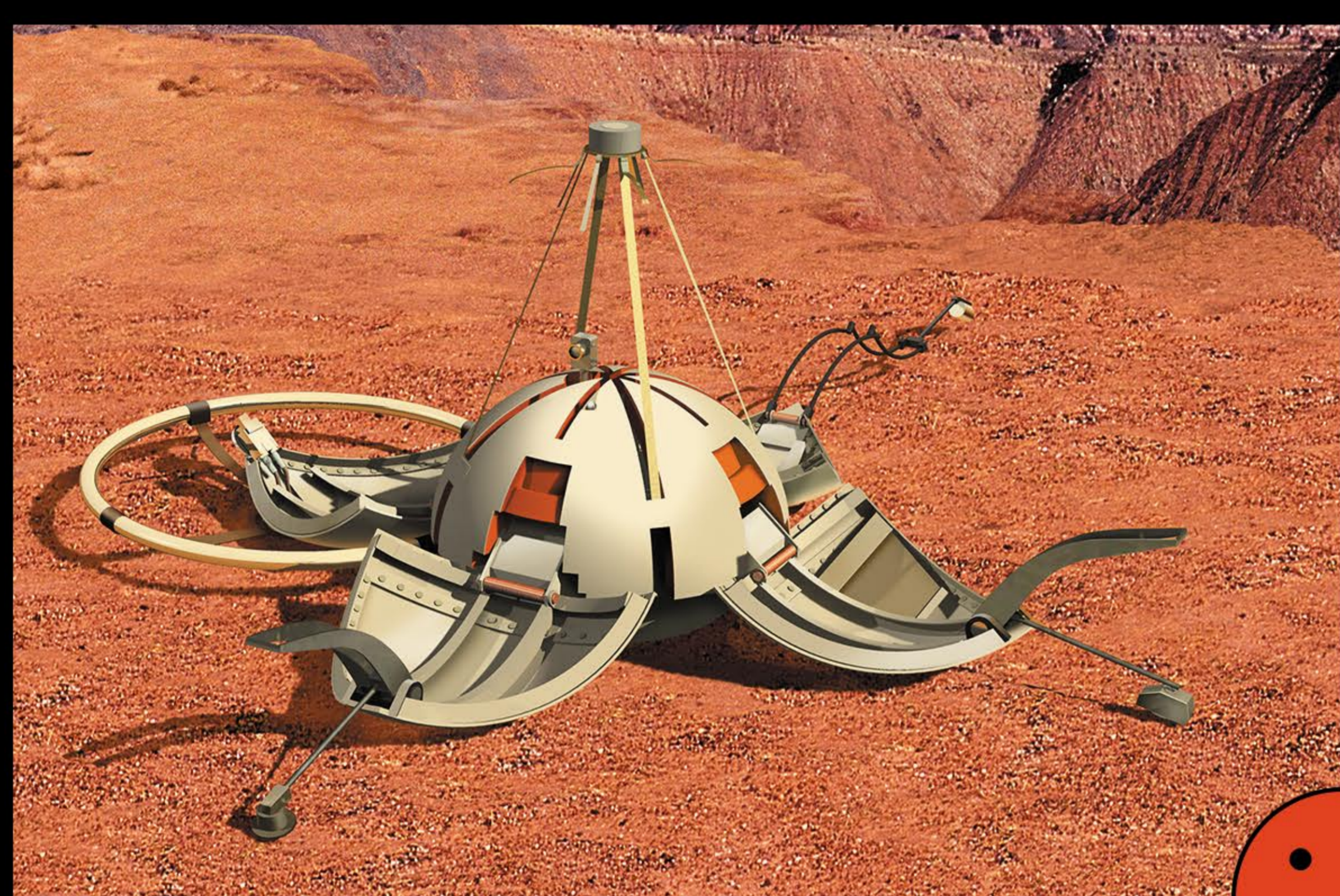
2018

The European Space Agency (ESA) had also planned in the frame of the Exomars project to send a seismometer on Mars.

The instrument's launch was cancelled.



2016



Russia launched an ambitious 'Mars 96' mission : the probe contained 2 petal-shaped ground-stations (David Ducro Photo).

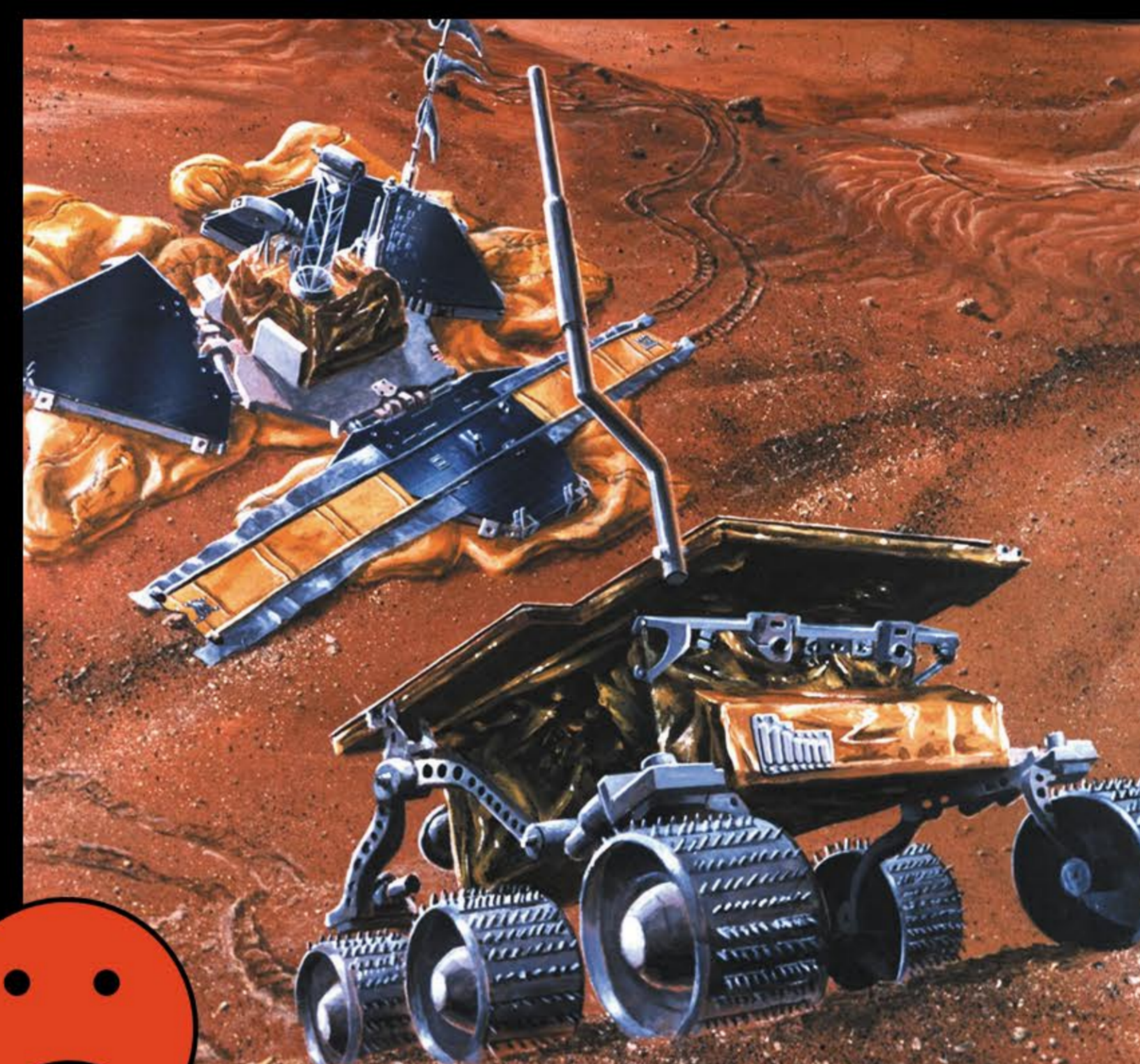
Unfortunately, a failure during the launch led to the fall back of the probe on Earth in the Pacific.



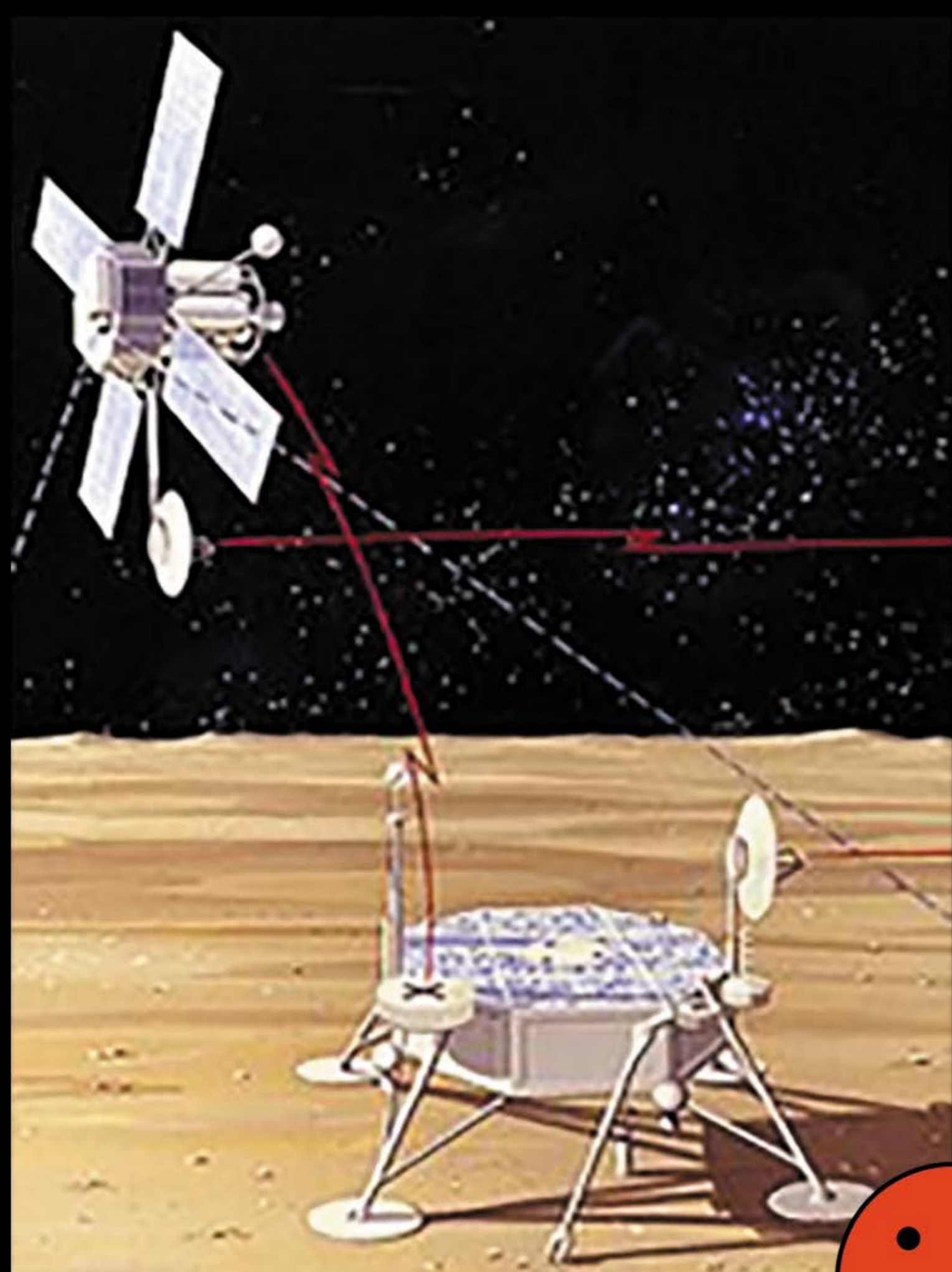
The « Mesur » project linked to Pathfinder (1996) (90's):

The aim of the project was to deploy a network of seismometers on Mars (10 to 20 stations). However, facing technical and financial difficulties, this huge project never came to life.

Finally, the « Pathfinder » mission consisted of landing on Mars and of analysing rock samples.



1996



In 1976, the Viking landers each carried a sophisticated seismometer on Mars :

Viking 1: Failure of unlocking of the mobile part of the seismometer

Viking 2: The seismometer is active but is too distorted by meteorological activity to send back accurate data.



1976

Crédits photos : N.A.S.A. / E.S.A. / C.N.E.S. / I.P.G.P.
F. Moujdi-Menaue / F. Bouvet / L. Bourdon

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