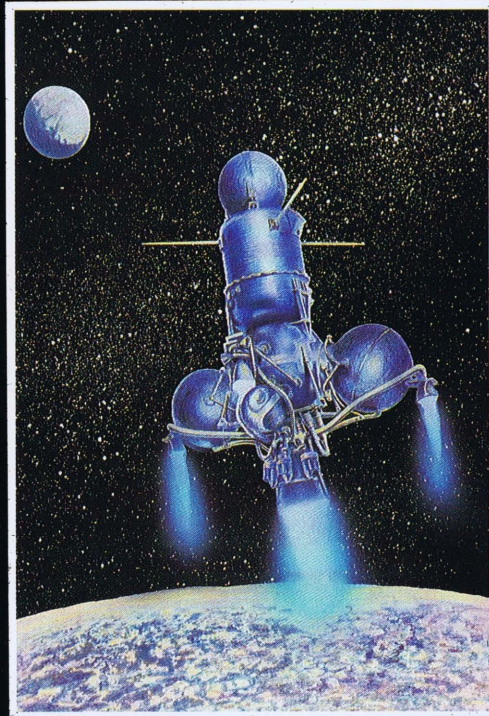
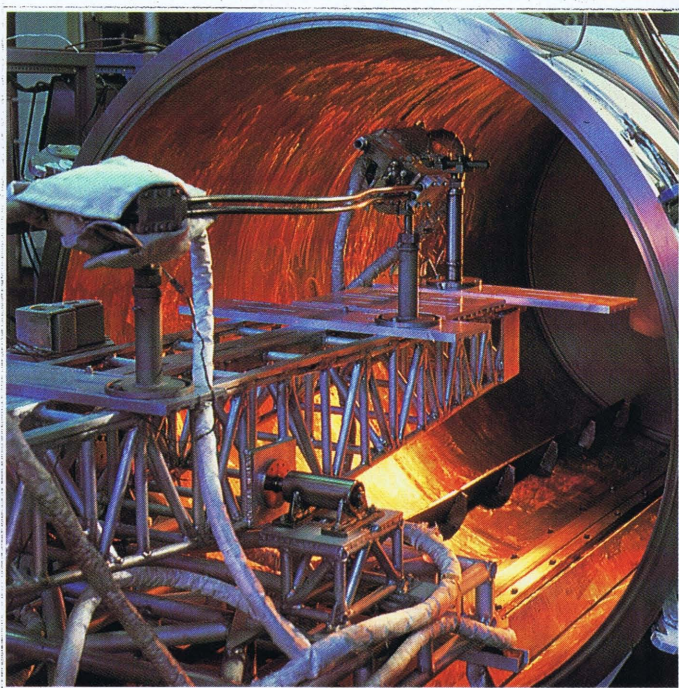
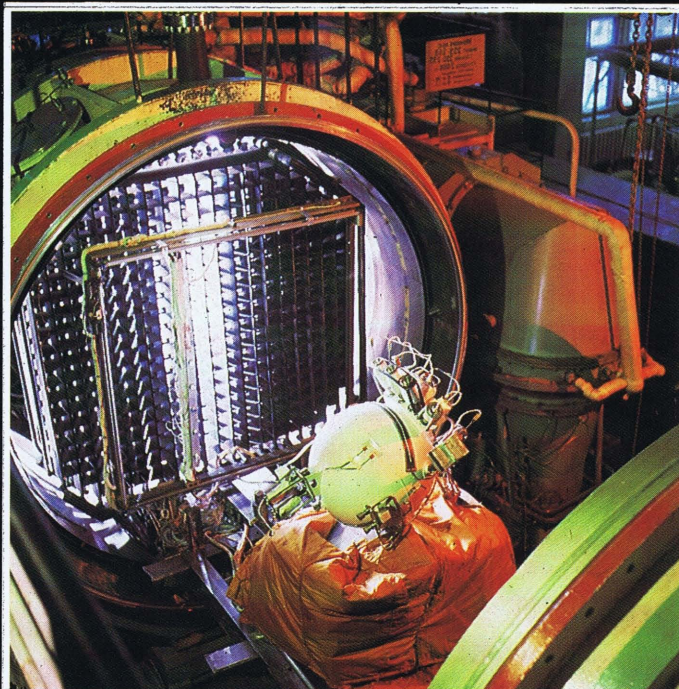


LAVOCHKIN



ASSOCIATION

LAVOCHKIN ASSOCIATION



The Association, named after Semyon Lavochkin, for its half-century evolution period has passed a hard way advancing in the development of the aircraft structures during the World War II and jet aircraft and rockets at the postwar period.

A quarter of century ago the Association staff was charged to produce spacecraft intended for the exploration of the Universe. Our colleagues from Europe and America take part in many of our projects.

The production on many foreign firms helps us to create the state-of-the-art base. We believe that the business cooperation of many countries will enable us to get answers for perennial questions being of the human beings concern both in the past and the future of our planet.

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VENERA-7

VENERA spacecraft
Designed and manufactured by Lavochkin Association.

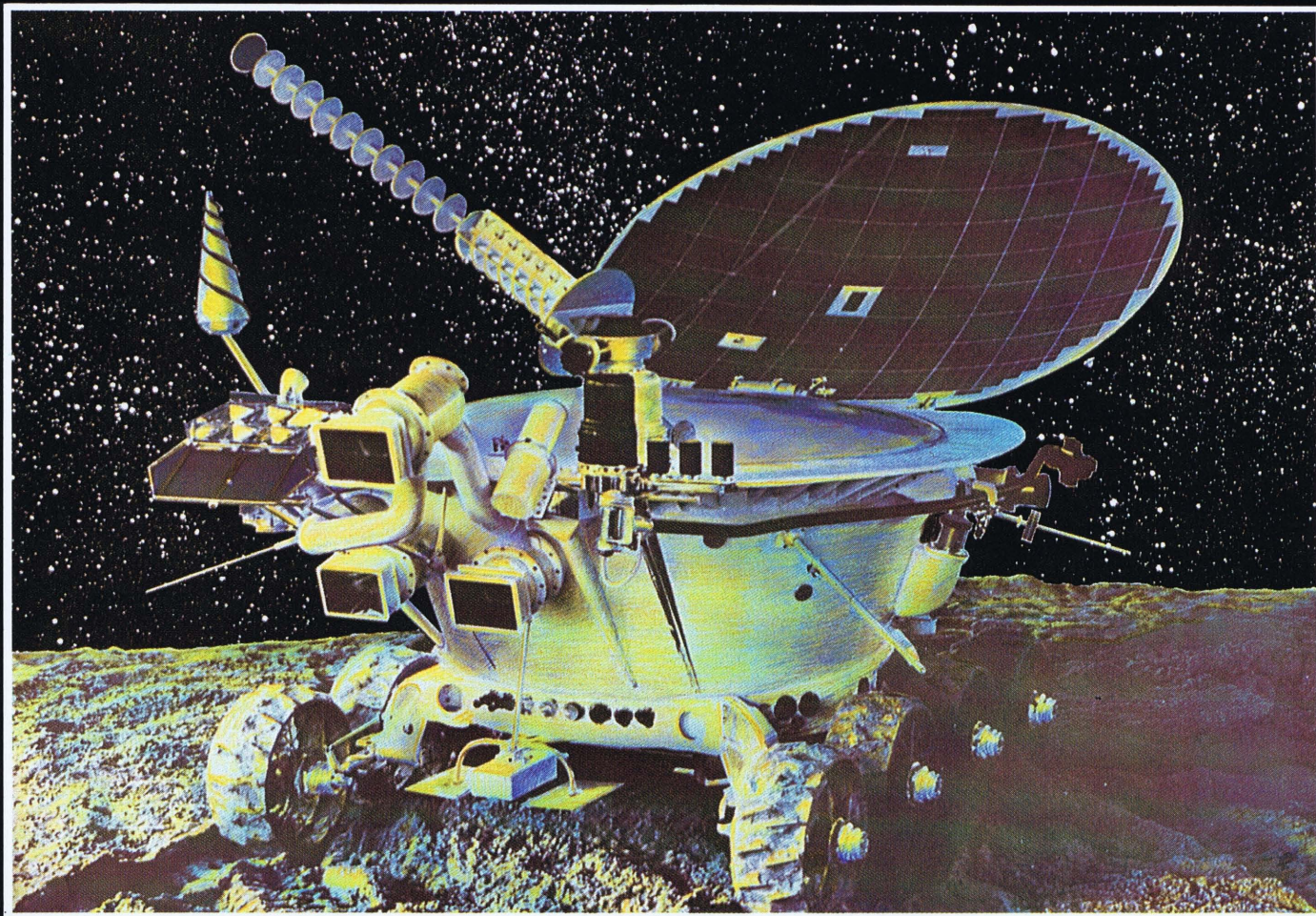
The descent module of the VENERA 7 spacecraft was the first module in the world to make a soft landing on Venus on December 15, 1970 and transmit the data about its surface.

During the cruise phase the intensity of cosmic rays was measured. That allowed to define the regularity in distribution of the solar flux in interplanetary at different distance from Earth.

The powerful chromospheric flare born on December 10, 1970 was under observation.



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LUNOKHOD-2

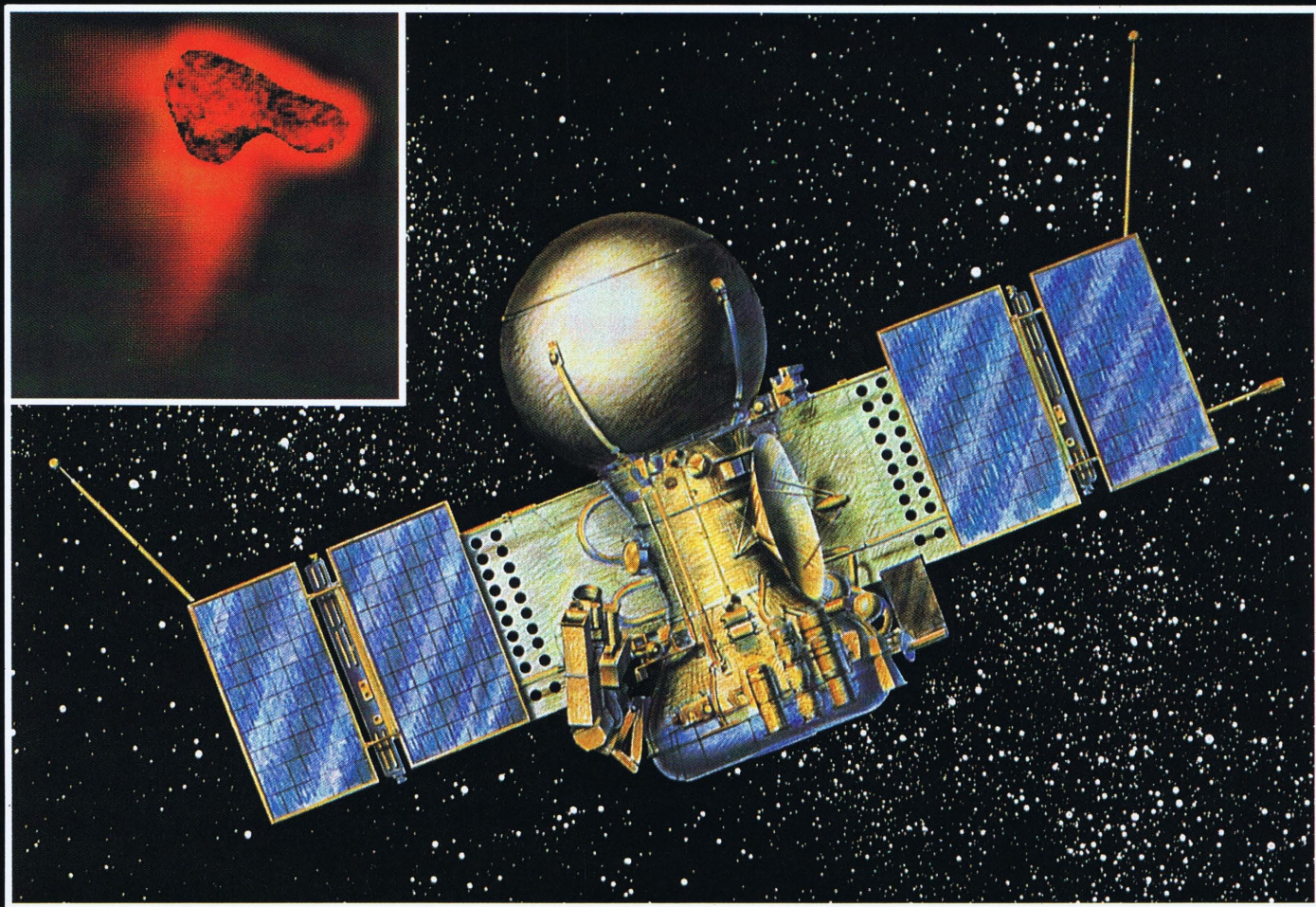
**The automatic rover intended for the exploration of Moon
Designed and manufactured by Lavochkin Association**

**On January 16, 1973 the automatic moon rover LUNOKHOD 2 was delivered
to the eastern suburb of the Sea of Serenity (Lemonie crater)
with the help of the LUNA 21 spacecraft.**

**By that time the mission of the first automatic rover LUNOKHOD 1
was successfully completed. It had investigated a vast area
of the lunar Sea of Rains for more than 300 days
(from November 17, 1970 to October 4, 1971) ended.**



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VENUS-HALLEY

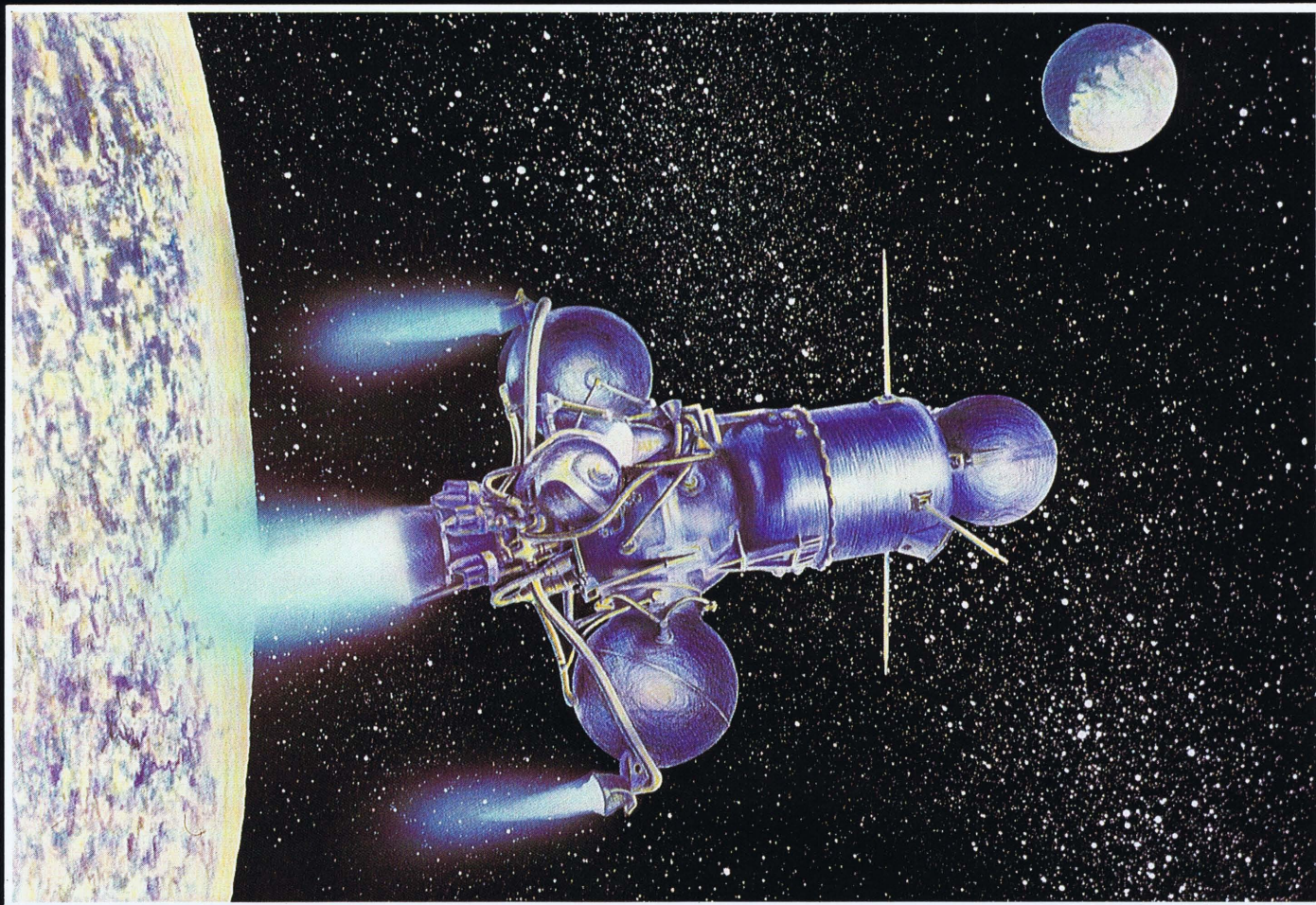
**Automatic Interplanetary Stations "Venus-Halley"
("Vega 1" and "Vega 2"),
designed and manufactured in Lavochkin Association**

The integrated studies of the planet Venus and Halley's comet were conducted.

**In developing the scientific equipment together
with the Institutes of the Academy of Sciences
took part the national space centres of Austria, Bulgaria, Poland,
GDR, Hungary, France, FRG, Czechoslovakia.**



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LUNA-24

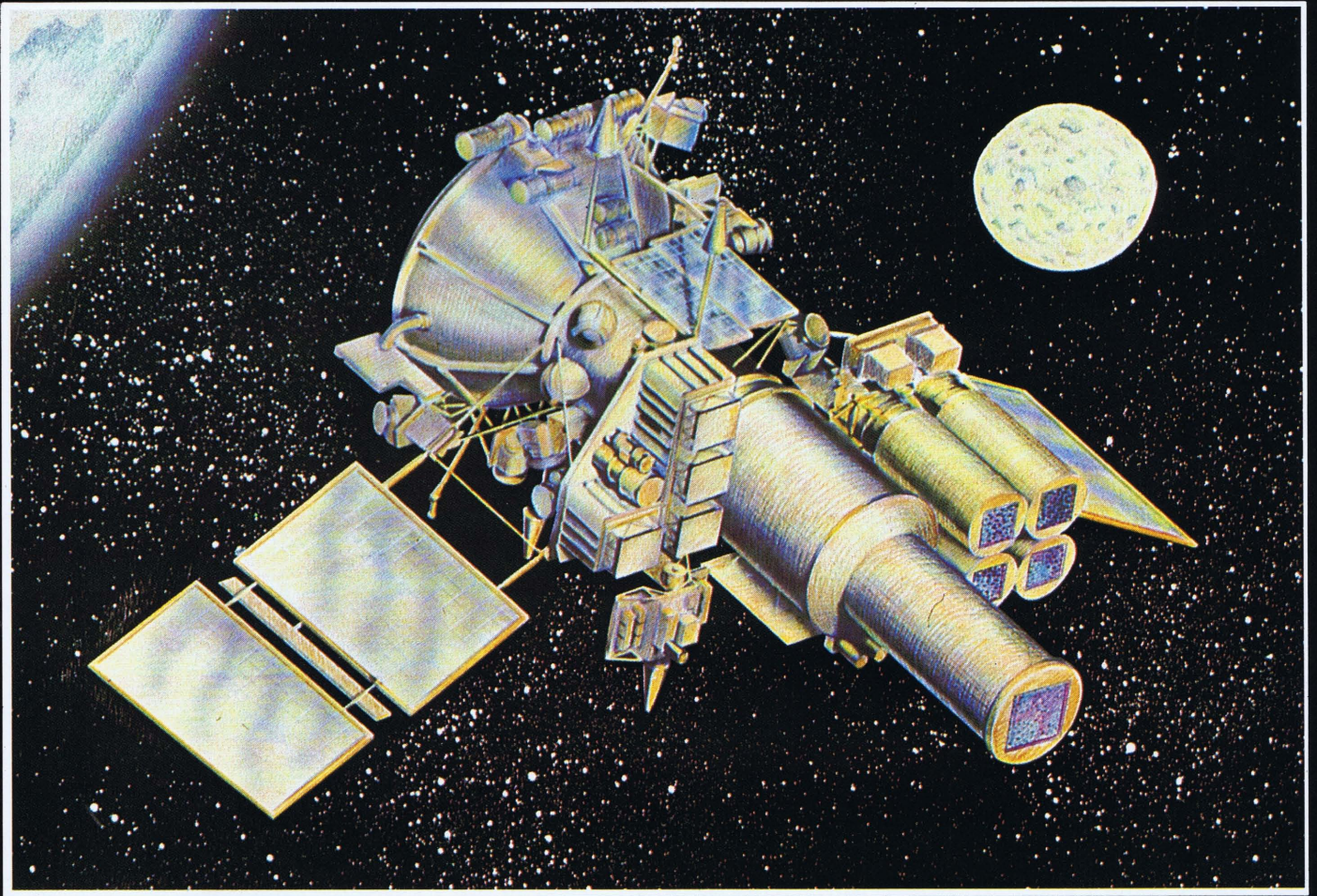
**LUNA 24 spacecraft.
Designed and manufactured by Lavochkin Association.**

**The LUNA 24 spacecraft launched on August 9, 1976
returned to Earth the Moon soil samples taken from the Sea of Crises
with the penetration of soil up to 2 m depth.**

**The delivery of samples was provided within bak-proof container without
disturbing the national arrangement of soil layers.**



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GRANAT

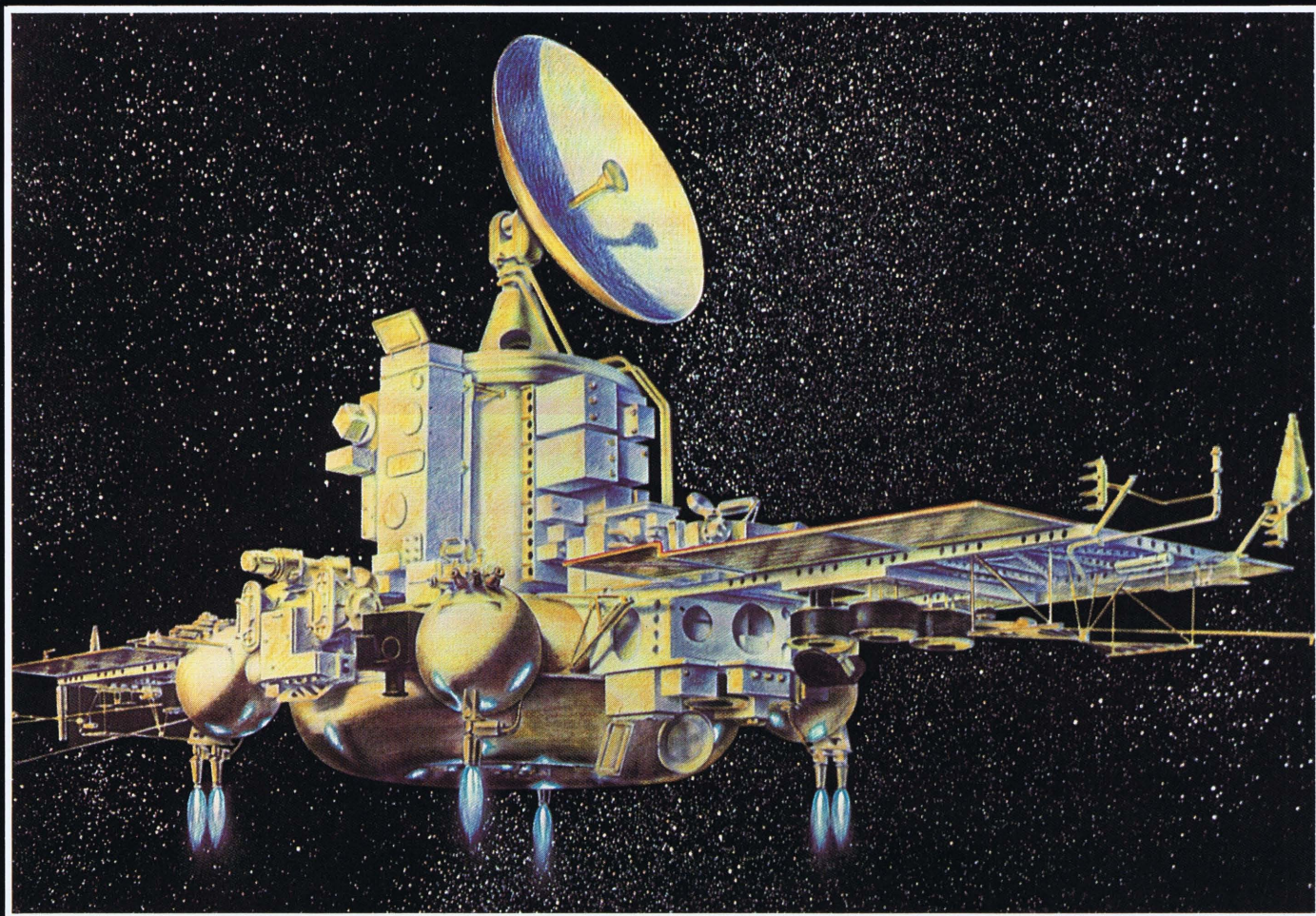
**GRANAT spacecraft.
Designed and manufactured by Lavochkin Association**

Space observatory in the Earth's satellite orbit.

**The Granat spacecraft was intended for studying spectral
characteristics of the radiation sources in the X-and gamma-ray bands.**



LAVOCHKIN ASSOCIATION

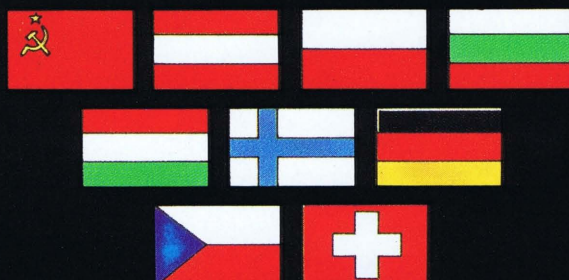


PHOBOS

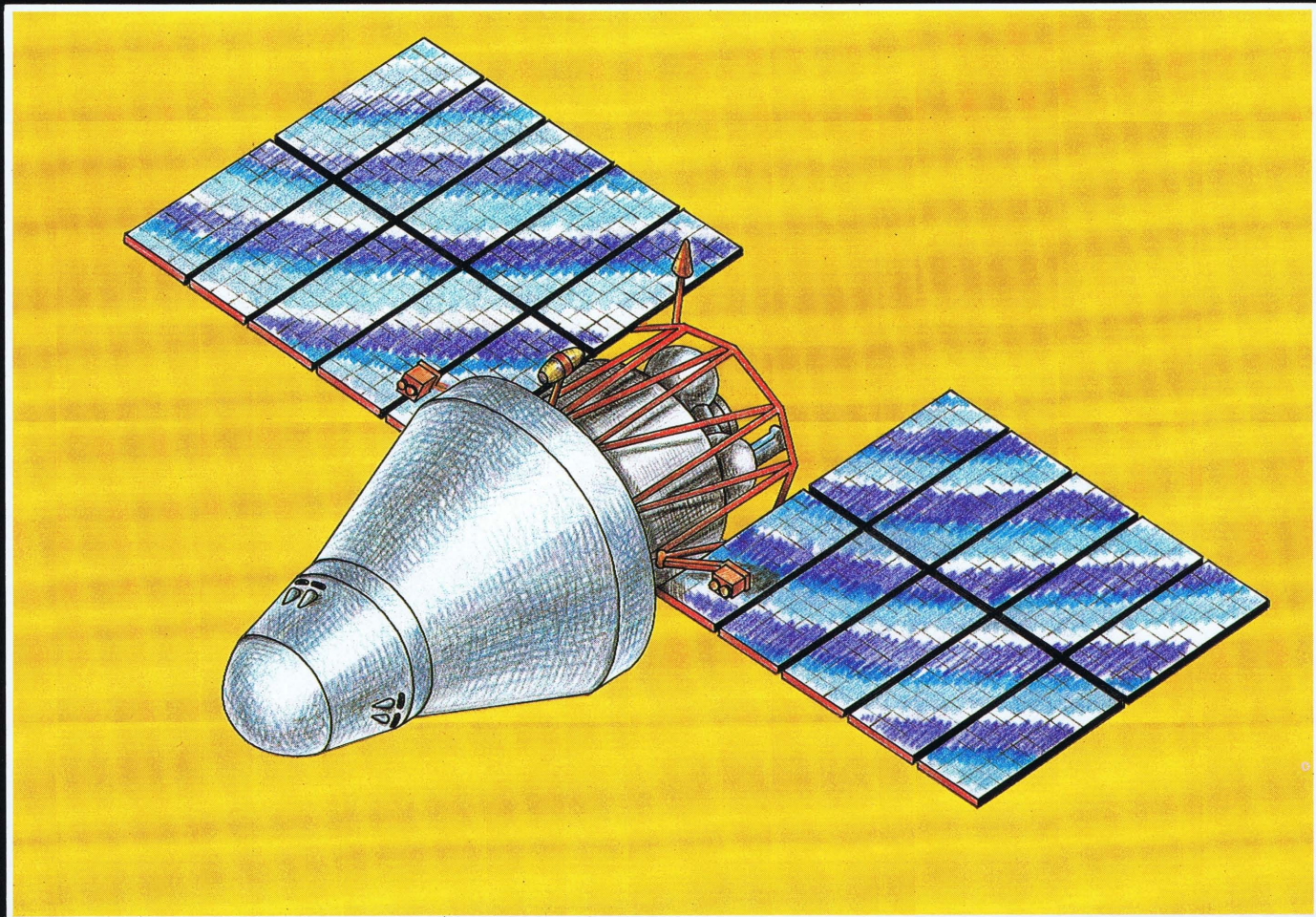
**A new generation spacecraft.
Desined and manufactured by Lavochkin Association**

**The PHOBOS spacecraft was designed for integrated studies of the Martian
satellite Phobos as well as of Mars,
Sun and interplanetary space during Earth-Mars transit path.**

**The PHOBOS project was developed with the active
participation of scienticts and engineers from of Austria, Bulgaria,
Hungary, Poland, Finland, FRG, Czechoslovakia, Switzerland
and the European Space Agency.**



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LAVOCHKIN

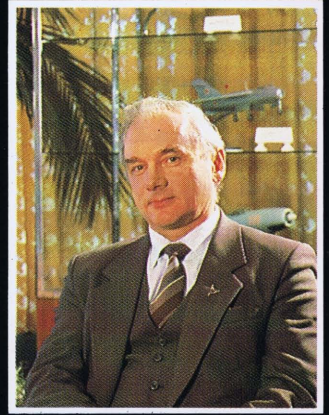
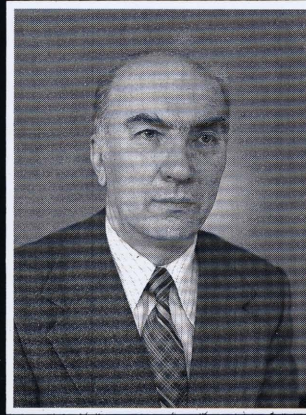
The "Lavochkin" space complex is being developed by the consortium
which includes Lavochkin Association, Association of Engineering,
"Southern" Association.

The "Lavochkin" space complex is proposed for orbital production operations
in the state of microgravitation.

It will be used for the orbital experimental industrial
production of semiconductor monocrystals,
medical biological operations and for the performance of the experiments
on metallurgy, crystallography, protein structure growing
and for the recovery of yielded materials.

The first "Lavochkin" mission is planned in 1993.





From the aircraft manufactured during the World War II to the sophisticated spacecraft—that's the half-century evolution of our firm.

The construction of space explorers of the Universe with our generation started by the academician Sergey Korolyev and continued by his followers is in progress new.

We would be happy to tell you, our foreign friends, about our history and plans, to express our ideas calling you for the goodwill cooperation in this great and important for the whole mankind matter.

The flight of the human being thought is boundless like boundless is space. Isn't it the opportunity of boundless goodwill cooperation?