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**UNIVERSITÄT  
BERN**

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# Auf der Suche nach Leben: Schweizer Spitzentechnologie auf Jupiter-Mission



Asst. Prof. Audrey Vorburger, Universität Bern

Dialog am Mittag, 11. September 2024







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# Ariane 5 VA 260



11. September 2023, Bern

Dialog am Mittag



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JUICE

15 m

6 t

Ariane 5 ECA

50 m

780 t

NIM

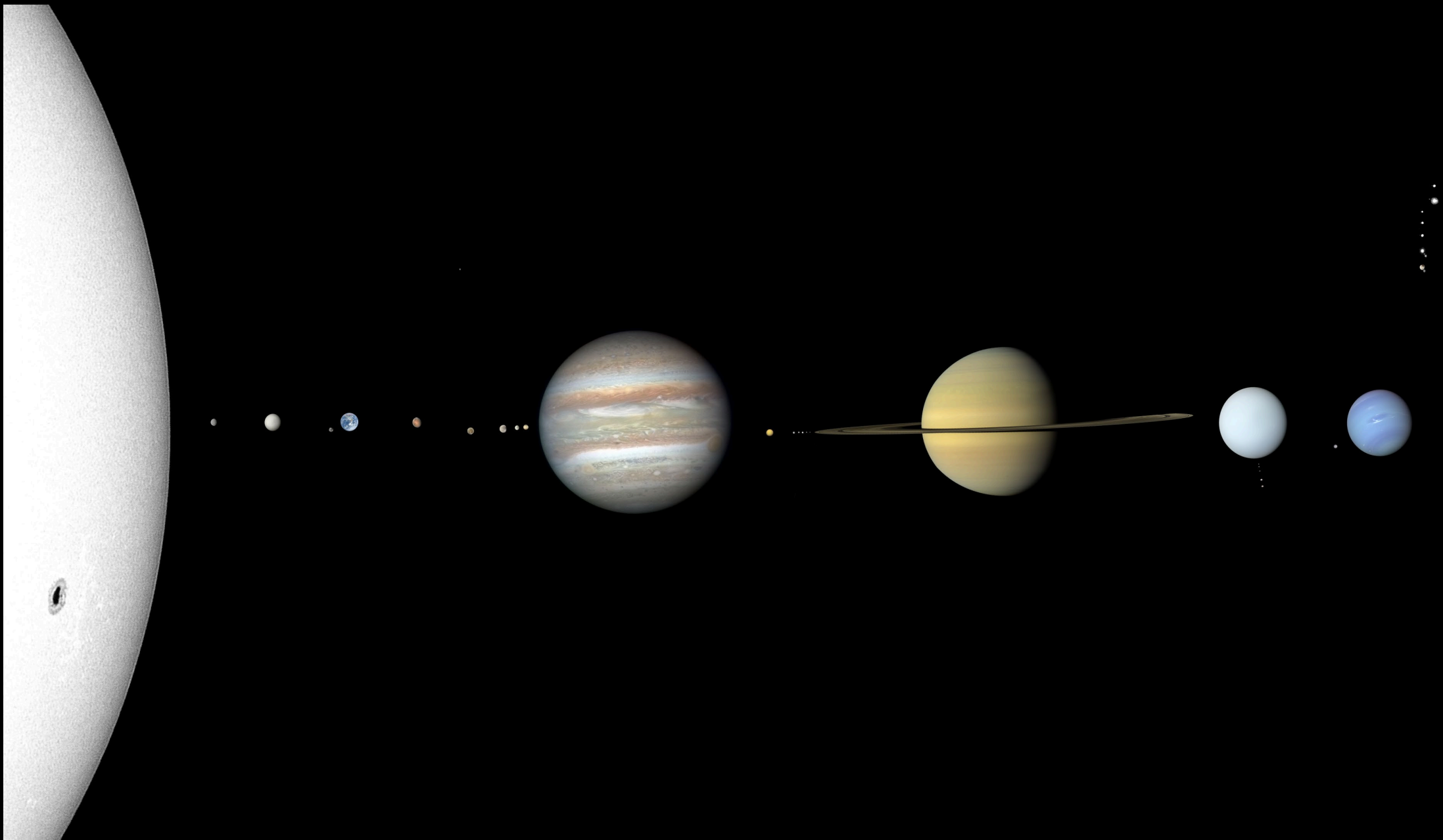
40 cm

6 kg





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11. September 2023, Bern

Dialog am Mittag



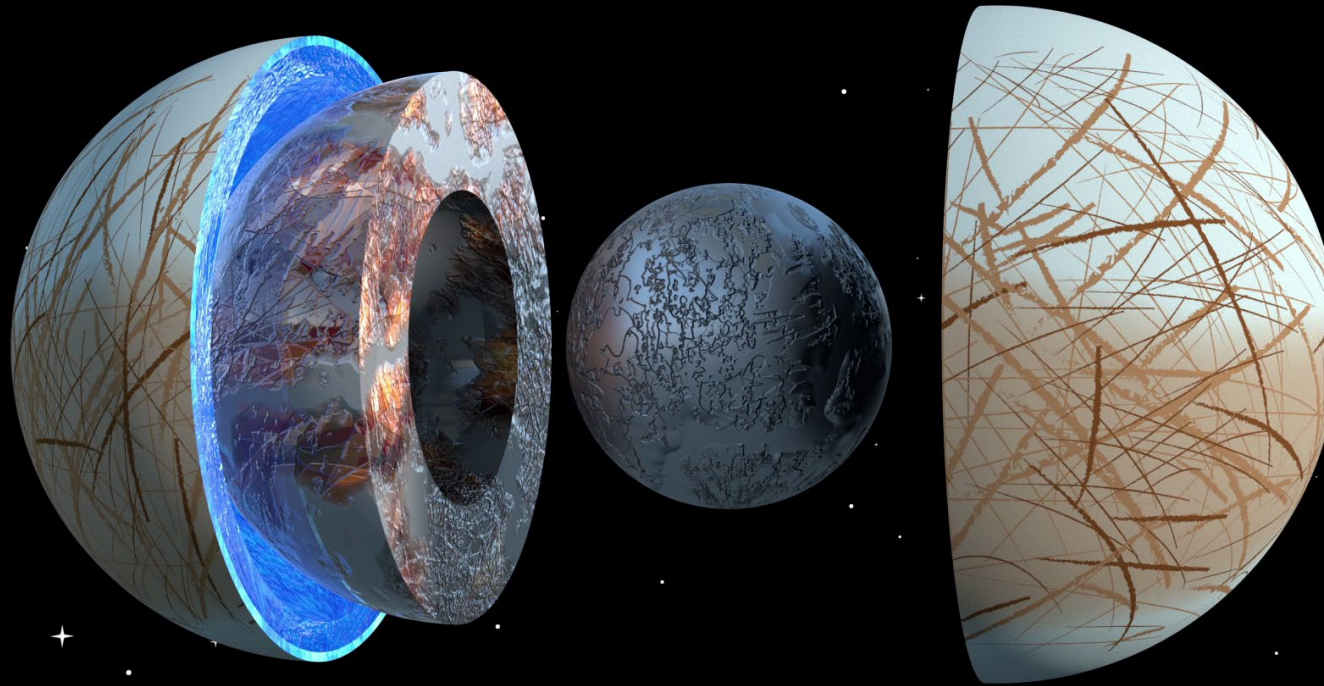
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# Jupiters Galileische Monde



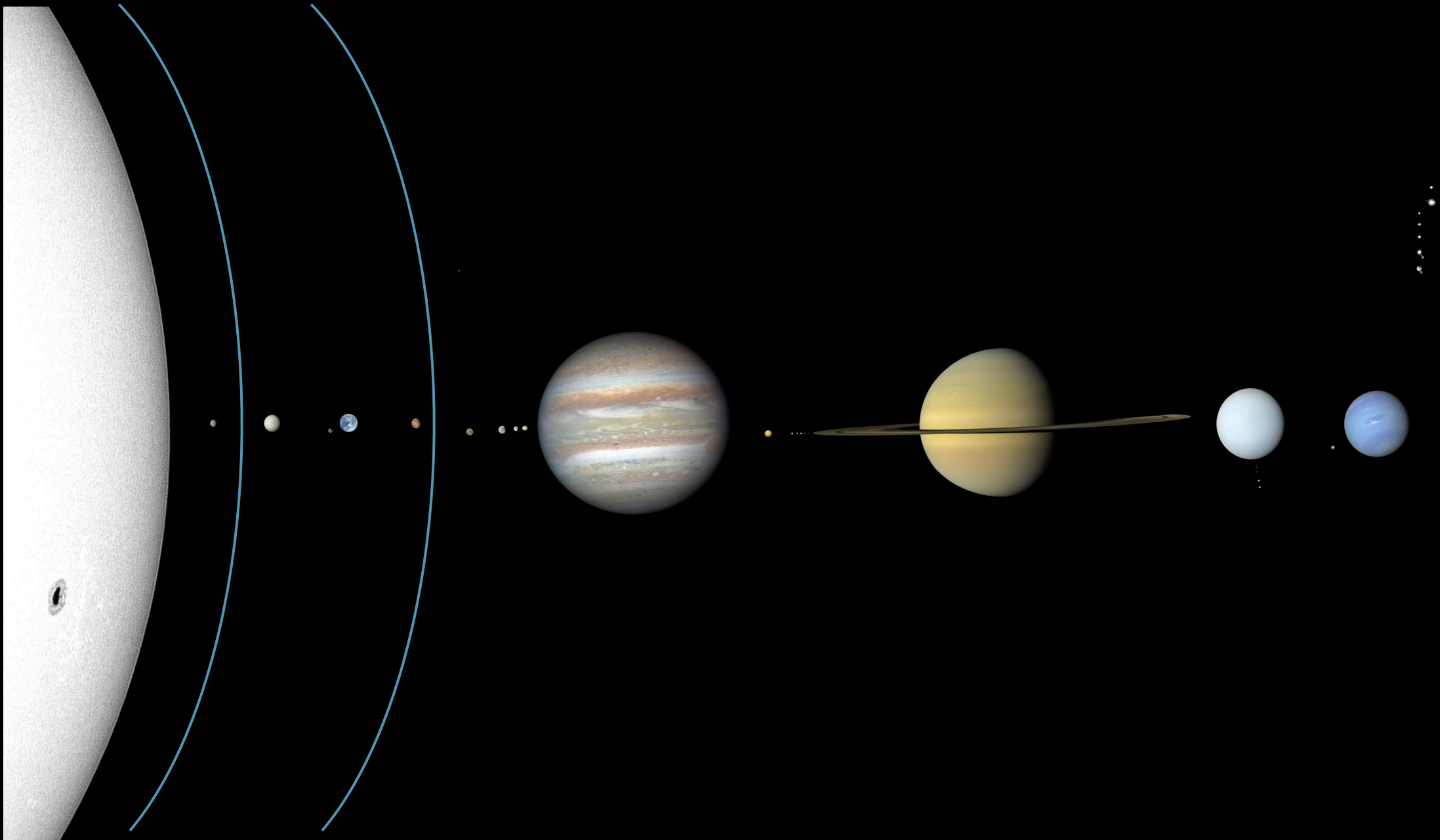
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# Jupiters Galileische Monde

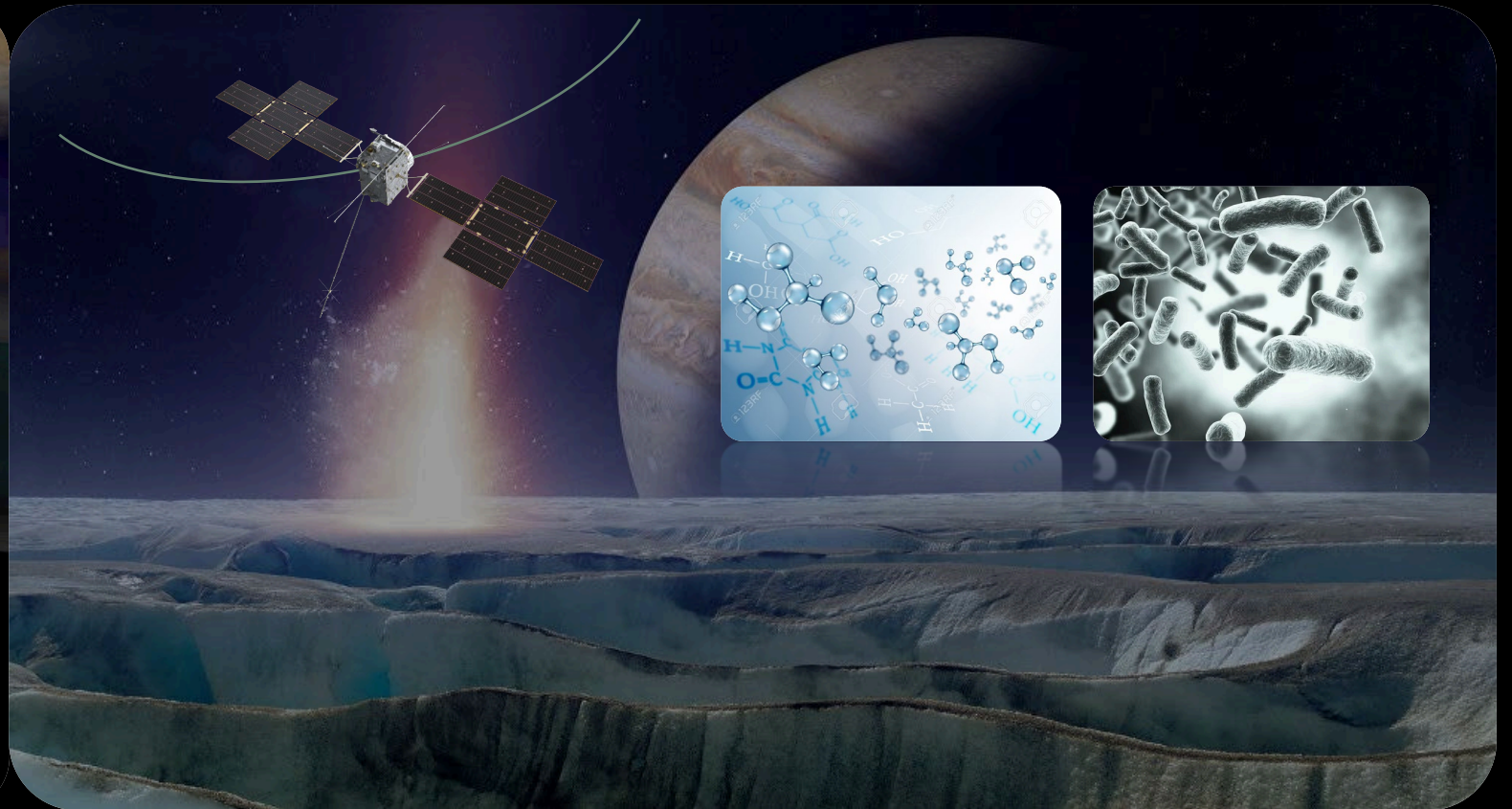
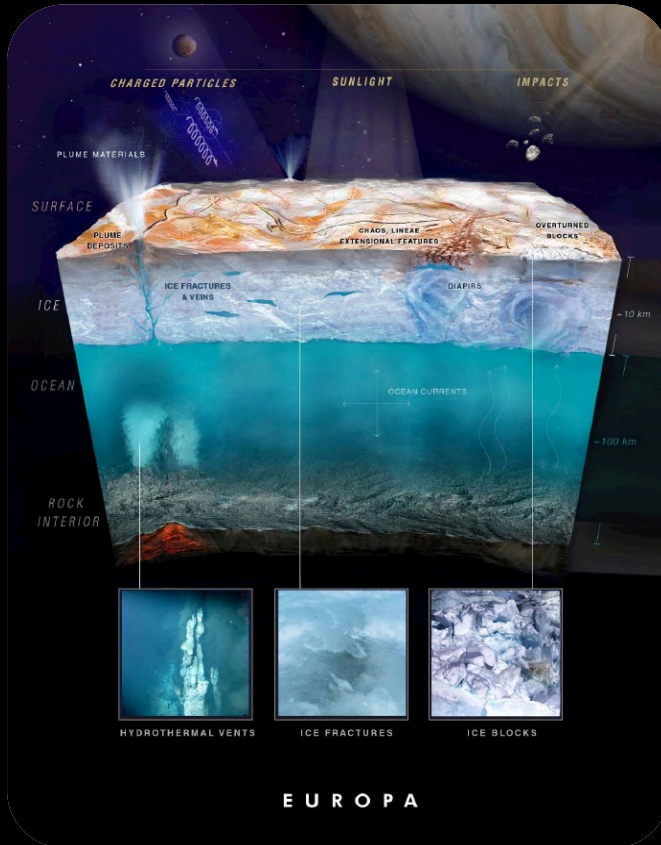




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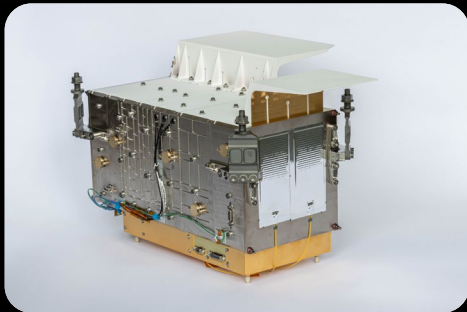
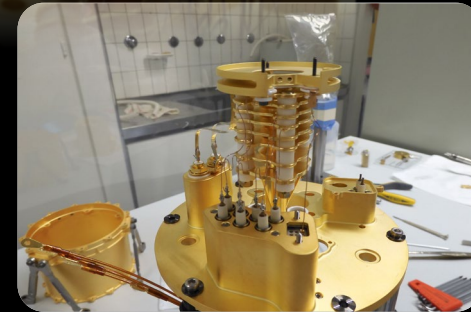
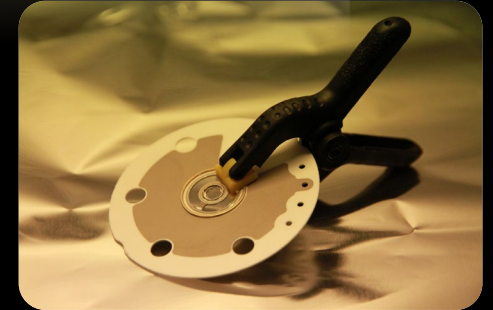
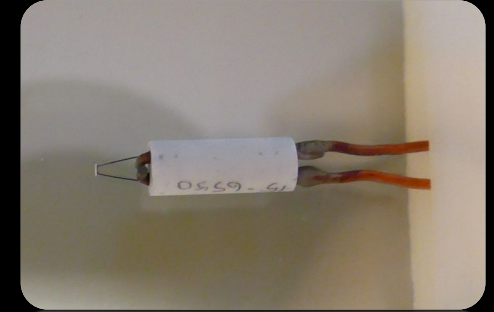
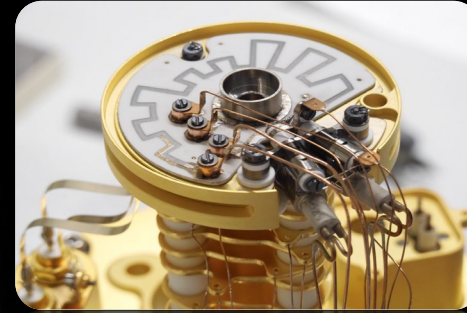
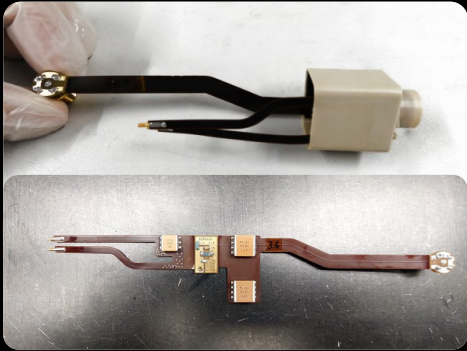
# $u^b$ Leben abseits der Erde?





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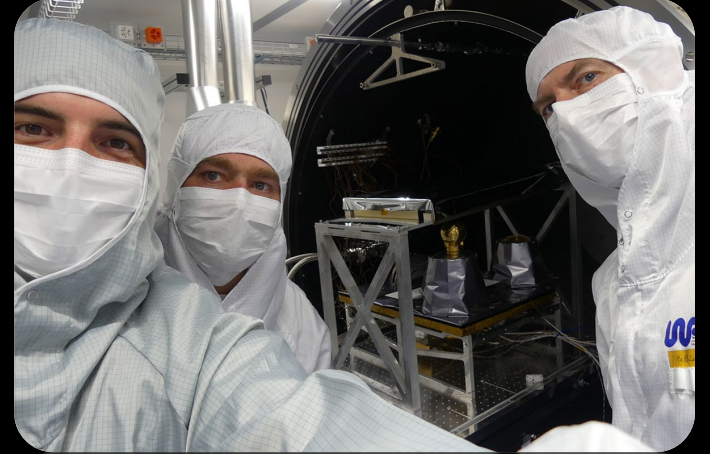
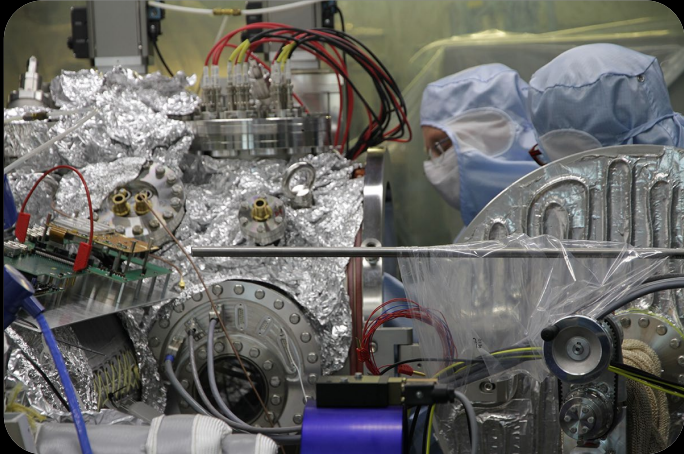
# NIM – bernische Hochpräzision





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# NIM – die Leute hinter dem Instrument





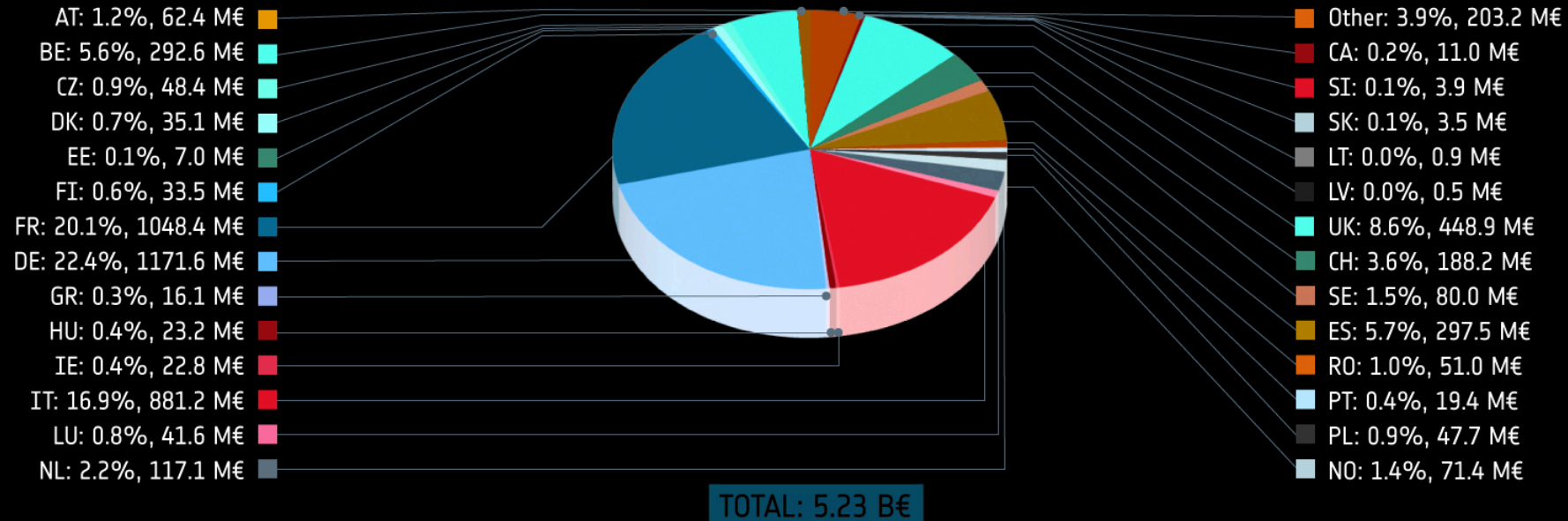
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# NIM – der Wirtschafts-Beitrag



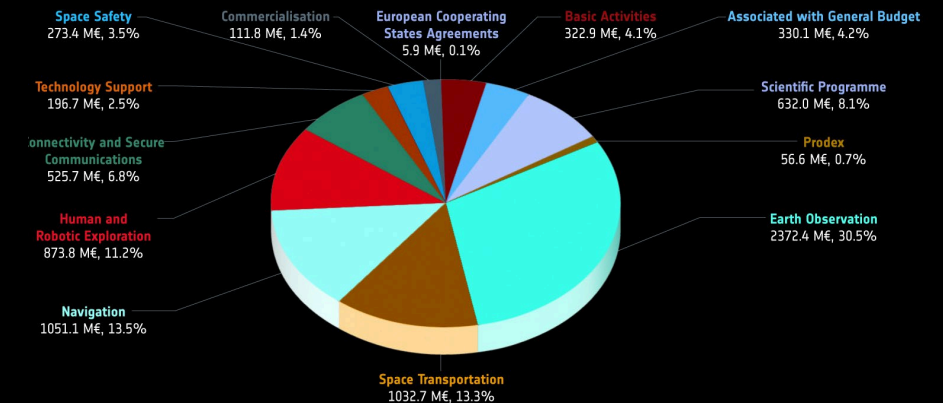
## BUDGET 2024

### ESA Activities and Programmes



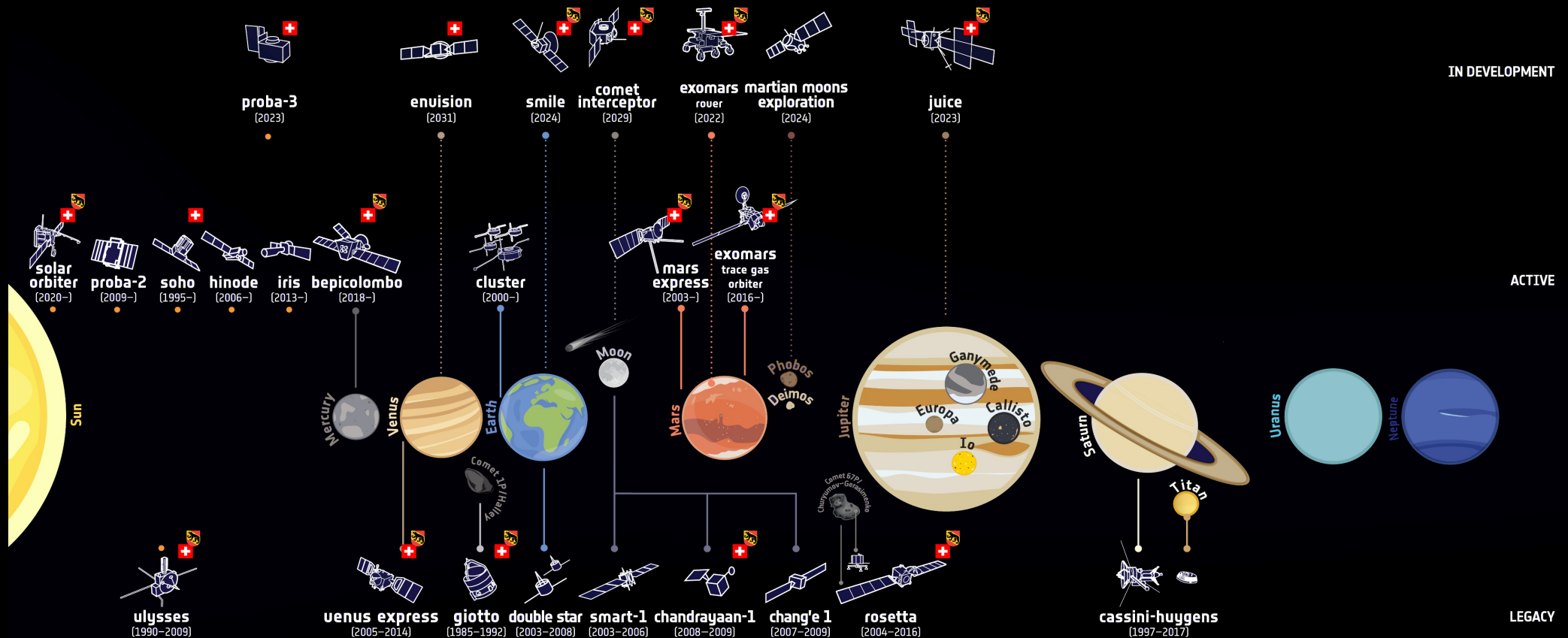
### BUDGET 2024 BY FUNDING SOURCE

**TOTAL: 7.79 B€** (+10% vs. 2023)





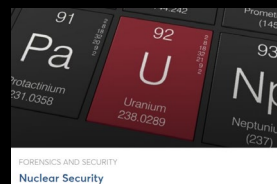
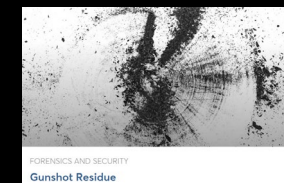
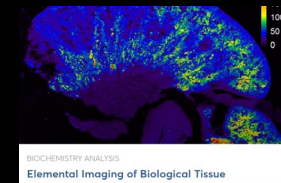
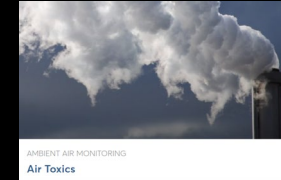
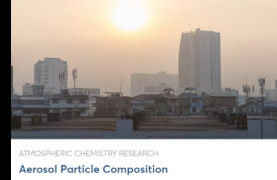
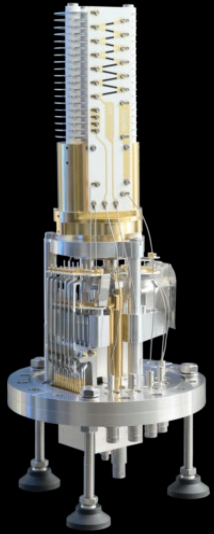
# Die Schweiz im Weltall



SOLAR SYSTEM EXPLORERS

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# Spacetek Technology AG & Tofwerk





WISSEN  
SCHAFT  
WERT.

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