News and Views

Instrumentation for testing whether the icy moons of the gas and ice giants are inhabited

Julian Chela-Flores

The Abdus Salam International Centre for Theoretical Physics, Trieste, Italy
Phone: +390-40-22 40 392, Fax: +390-40-22 41 63, E-Mail: chelaf@ictp.it
and
IDEA, Fundacion Instituto de Estudios Avanzados
Caracas, República Bolivariana de Venezuela

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Abstract

Evidence of life beyond the Earth may be closer than we thought, since the forthcoming missions to the Jovian system can probe the Europa icy surface with a reliable biomarker, in spite of its strong radiation environment. Analogous biomarkers may be relevant beyond Europa on the icy moons of the ice giants. In the Appendix we summarize why sulfur is a reliable biomarker that approved missions, as well as those presently under study, will be able to measure.