

BRINES ACROSS THE SOLAR SYSTEM



MODERN BRINES
October 25 – 28, 2021

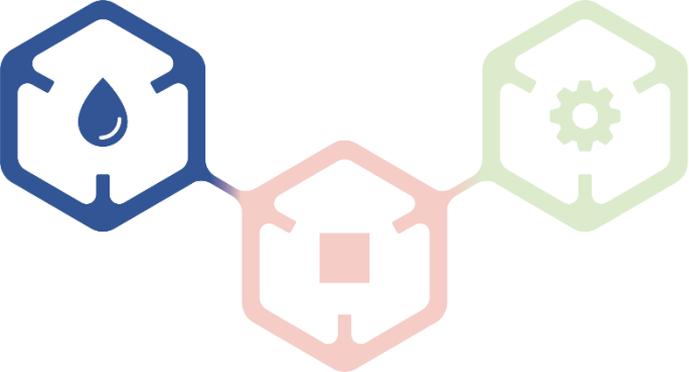
ANCIENT BRINES
May 16 – 19, 2022

FUTURE BRINES
May TBD, 2023

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<https://www.lpi.usra.edu/science/initiatives/brines/>





MODERN BRINES

Conference Date: October 25 – 28, 2021

Location: LPI, Houston, TX

Mode: Hybrid conference; virtual and onsite options (if conditions permit)

Synopsis: In this topical conference, the first in the LPI's BAS initiative, we will explore the environments where brines may be presently forming, their potential habitability, and their role in ongoing and active planetary processes.



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ANCIENT BRINES

Conference Date: May 16 – 19, 2022

Location: TBD (tentatively Reno, NV)

Mode: TBD, (tentatively onsite with field trip)

Synopsis: This conference will pay particular interest to understanding the formation, location, and possible biosignatures associated with ancient brine systems and their impacts on the origin and evolution of life and climate.



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FUTURE BRINES

Conference Date: May 2023

Location: TBD (tentatively Boulder, CO)

Mode: TBD, (tentatively onsite with field trip)

Synopsis: In this conference, we will synthesize and integrate the lessons learned from the first two meetings via discussions about state of technology topics related to planetary exploration of brines, analog field work, computational modeling, laboratory fundamental work of brine characterization, planetary protection, and ISRU.

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