

## First Space Radiation Investigators' Workshop

A Workshop on Radiation Health program held March 6,7 and 8, 1990 at the Lunar and Planetary Institute in Houston, Texas. The purpose of this Workshop was to help define radiation biology program requirements to predict risk, reduce uncertainties, and establish mission requirements for human exploration. In addition, help define the resources required for radiation biology (beam time, instrumentation, costs, etc.) in the framework of Radiation Health Initiative of the Life Sciences Division of NASA. Also, radiation biology experiments in space were discussed. Participants were requested to come prepared to discuss three or four critical investigations, of which at least one should be space-based, that he or she wants to do (or wants someone specific to do), giving: Effect to be studied Accuracy and precision to be attained Source of radiation to be used Experimental requirements (dose, dose rate, type of radiation or particle, dosimetry) A description of how these data are going to be integrated with the rest of radiation biology. A description of how these data are going to be applied to the prediction of radiation risk in space (extrapolation, verification in a spacecraft, etc.).

### PARTICIPANTS:

E. Ainsworth	G. Reitz
G. Badhwar (local arrangements)	D. Robbins
V. Bond	W. Schimmerling (program chairman)
D. Chen	G. Taylor
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