

THE HR DIAGRAM

The 100th Anniversary of Henry Norris Russell

SYMPOSIUM No. 80

This is the first IAU symposium or colloquium dealing with the Hertzsprung-Russell diagram as a main topic since IAU symposium 10 was held in Moscow in 1959. The meeting was timed to honor the 100th anniversary of Henry Norris Russell, one of the originators of the diagram.

While the first two sessions of the symposium dealt with the life and work of Russell, the major part of the conference was concerned with the use of the HR diagram. The two axes of the diagram, spectral and luminosity, are discussed at length and the HR diagrams of stars in the solar neighborhood in open and globular clusters are analyzed.

The final two sessions were concerned with the theoretical papers bearing on stellar evolution and the HR diagram.

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