

## Radiation Belts: Models and Standards

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### DESCRIPTION

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The exciting new results of CRRES and SAMPEX show that there are additional physical sources of energetic electrons and ions trapped in the Van Allen belts, some of which were completely unexpected.

The NASA and Russian empirical models of the radiation belts need to be updated and extended. To outline different ways to achieve this task and to identify the less well known aspects of physical and empirical models of the radiation belts were the objectives of a workshop held in Brussels, October 17-20, 1995, entitled "Radiation Belts: Models and Standards." It was attended by over 60 delegates from all major laboratories involved in developing new physical as well as empirical models of the energy and spatial distributions of energetic electrons and ions trapped in the geomagnetic field.

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### ABOUT THE AUTHOR

J. Lemaire and D. Heynderickx are the authors of Radiation Belts: Models and Standards, published by Wiley.

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### SERIES

[Geophysical Monograph Series](#)

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