

# AGU Chapman Conference

Fairbanks, Alaska, USA

27 February - 4 March, 2011

## Relationship Between Auroral Phenomenology and Magnetospheric Processes

The conference will provide an opportunity to present the latest results from analyses of experimental data, simulation and theory, addressing various aspects of the aurora, in order to connect our knowledge of auroral morphology and mechanisms to candidate physical processes in the magnetosphere capable of powering and structuring the aurora on Earth and other planets.

Abstract submission deadline October 20, 2010

### TOPICS:

Auroral phenomenology

Relationship between aurora and ionospheric electrodynamics

Discrete auroral acceleration

Relationship between aurora and magnetospheric dynamics, fields and gradients

Aurora on other planets

### FIELD TRIPS:

Poker Flat Research Range

Fairbanks Ice Festival

Chena Hot Springs

### CONVENERS:

Andreas Keiling, UC Berkeley, USA

Eric Donovan, University of Calgary, Canada

### PROGRAM COMMITTEE:

Dirk Lummerzheim, University of Alaska, USA

Dave Knudsen, University of Calgary, Canada

Goran Marklund, Royal Institute of Technology, Sweden

Vassilis Angelopoulos, UC Los Angeles, USA

Masafumi Hirahara, University of Tokyo, Japan

Kirsti Kauristie, Finnish Meteorological Institute, Finland

Fran Bagenal, University of Colorado, USA

Robert Rankin, University of Alberta, Canada

[www.agu.org/meetings/chapman](http://www.agu.org/meetings/chapman)

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