

ASTRONUM-2008

June 8-13, St. John, U.S. Virgin Islands

Hotel Accommodations



P.O. Box 8310
Great Cruz Bay
St. John, USVI 00831
Tel: 340-714-6028
Fax: 340-693-8510

Hotel Rates:

We have negotiated a special group rate of \$163.00 USD, per night, single or double occupancy, plus taxes and resort fees. Please see conference website for detailed information and booking procedures:

www.icnsm meetings.com/conference/astronum2008

St. John, the smallest of the three U.S. Virgin Islands, retains a tranquil, unspoiled beauty uncommon in the Caribbean or anywhere else in the world. Settled in the early 1700s by Danish immigrants attracted to the island's potential as a sugar cane-producing colony, St. John soon blossomed into a thriving society. The ruins of the Annaberg Sugar Plantation and other smaller plantations on the island attest to the island's agricultural history. Today, two-thirds of St. John is part of the Virgin Islands National Park, featuring fascinating trails, secluded coves, and dazzling white beaches. The Reef Bay Trail takes hikers through dense forests, plantation ruins, and rock outcroppings marked by well-preserved petroglyphs. Trunk Bay, Hawksnest Bay, Cinnamon Bay, and Maho Bay are just four of the dozens of beaches. Cruz Bay, the center of activity on St. John, contains colorful shops, lively bars, and fabulous restaurants.

Transportation to St. John, USVI:

Entry Documents: Passport is required for U.S. Citizens visiting the U.S. Virgin Islands. For non-U.S. citizens, visiting the U.S. Virgin Islands is just as you would visit the mainland United States: You need a passport and visa.

Airport: Participants should fly into Cyril E. King Airport on St. Thomas. Flights from the U.S. are direct to St. Thomas. Transfers to St. John can be made via ferry. See website for more info.

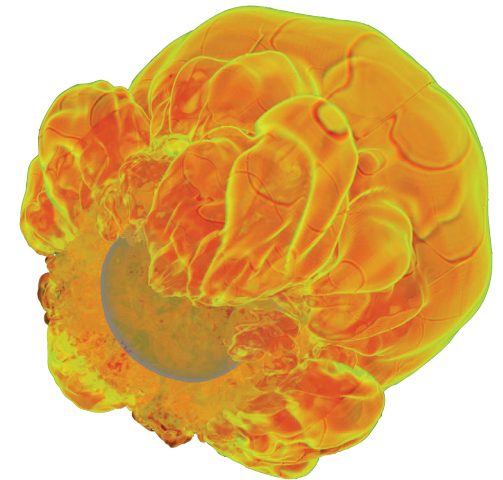
Program Committee

Edouard Audit (CEA/DSM/DAPNIA,
Saclay, France, co-chair)
Phillip Colella (LBNL, co-chair)
Tomoyuki Hanawa (Chiba University, Japan)
James Stone (Princeton University)
Nikolai Pogorelov (UCR-IGPP, chair)
H.C. Yee (NASA Ames)
Gary Zank (UCR-IGPP)
Ming Zhang (Florida Institute of Technology)



University of California
Systemwide IGPP

3rd Annual International Conference *Numerical Modeling of Space Plasma Flows*



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cea

saclay



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Workshop Details

The Systemwide Institute of Geophysics and Planetary Physics (IGPP) of the University of California, Lawrence Berkeley National Laboratory, and Laboratory of Research into the Fundamental Laws of the Universe of the French Commissariat of Atomic Energy (CEA/DAPNIA), will organize ASTRONUM-2008: 3rd International Conference on Numerical Modeling of Space Plasma Flows at the Westin St. John Resort, St. John, U.S. Virgin Islands.

The conference will cover the following topics:

- (1) Software packages for modeling and analyzing plasma flows;
- (2) Advanced numerical methods for space, astrophysical and geophysical flows;
- (3) Large-scale fluid-based, kinetic, and hybrid simulations;
- (4) Turbulence and cosmic ray transport;
- (5) Magnetohydrodynamics.

with applications to:

- (1) Cosmology and galaxy formation;
- (2) Dynamo effect;
- (3) Physics of Sun-Heliosphere-Magnetosphere;
- (4) Laboratory astrophysics and inertial confinement fusion;
- (5) Interstellar medium and star formation; Stellar Physics.

Cover figure courtesy of Jordan et al., Proc. ASTRONUM-2007

The purpose of the conference is to bring together leading experts in applied mathematics, space physics, astrophysics, and geophysics to discuss the application of novel numerical algorithms to computationally challenging problems.

The conference will be structured around invited, 40-minute keynote and 25-minute regular talks, and a limited number of contributed talks, with no parallel sessions. The dates of the meeting are June 8-13, 2008. E-mail inquiries about the meeting should be directed to nikolai.pogorelov@ucr.edu.

Additional information, as well as registration, abstract, and hotel reservations, can be found on the conference web site:

www.icnsmeetings.com/conference/astronum2008

Abstracts should be submitted by e-mail in text format using the template given on the conference web site by April 15, 2008

REGISTRATION FEE \$475 USD

Deadline to Register: April 1, 2008

**Registration Fee After Deadline:
\$525.00 USD**

The conference registration fee includes the proceedings book, daily breakfast, coffee breaks, welcome reception dinner, and mid-week banquet.

Tentative Agenda

Sunday, 8 June:

18:30 - 20:00 - Welcome Reception Dinner and Evening Registration

Monday, 9 June

07:30-08:30 - Deluxe Continental Breakfast

08:30-17:30 - Registration/General Sessions

Tuesday, 10 June

07:30-08:30 - Deluxe Continental Breakfast

08:30-17:30 - Registration/General Sessions

Wednesday, 11 June

07:30-08:30 - Deluxe Continental Breakfast

08:30-17:30 - General Sessions

19:00-22:00 - Conference Dinner

Thursday, 12 June

07:30-08:30 - Deluxe Continental Breakfast

08:30-17:30 - General Sessions

Friday, 13 June

07:30-08:30 - Deluxe Continental Breakfast

08:30-17:30 - General Sessions

Cancellation/Refund Policy:

After April 1, 2008, absolutely no registration refunds are granted. Requests made in writing and postmarked by April 1, receive a 75% refund. Telephone cancellations cannot be accepted. ICNS mails refunds one month after the meeting and is not financially responsible for attendees' travel expense in the unlikely event the meeting is cancelled.



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