

# Strong and Electroweak Matter 2006

Brookhaven National Laboratory

May 10-13, 2006

<https://www.bnl.gov/sewm>

## SECOND CIRCULAR

This is the second circular for the conference Strong and Electroweak Matter 2006 (SEWM2006).

### REGISTRATION

The WEB page has now is for registration. The registration fee is \$130. This covers cost of the proceedings and a conference dinner.

**Note that all foreign nationals have to fill out the BNL guest registration form in addition to the conference registration form.**

### CONTRIBUTED TALKS AND POSTER

If you want to present a talk or a poster at the conference you should indicate this at the time of registration. Contributions submitted for oral presentations will be selected in April 2006.

### INVITED SPEAKER

A list of speakers have been invited to give overview talks on selected topics:

|                                  |   |
|----------------------------------|---|
| Jürgen Berges (Heidelberg)       | Non-equilibrium QFT                                 |
| Jean-Paul Blaizot (ECT*, Trento) | High temperature phase of QCD                       |
| Eric Braaten (Columbus)          | Strongly Interacting Ultracold Atoms                |
| Brian Cole (New York)            | Hard physics at RHIC                                |
| Ramiro Debbe (BNL)               | Small-x physics at RHIC                             |
| Charles Gale (Montreal)          | Thermal dileptons and photons                       |
| Sourendu Gupta (Mumbai)          | Finite density QCD and the chiral critical point    |
| Lev Kofman (Toronto)             | Preheating and thermalization in the early universe |
| Yuri V. Kovchegov (Columbus)     | Parton saturation and color glass condensate        |
| Michael A. Lisa (Columbus)       | Soft physics at RHIC                                |
| Peter Petreczky (BNL)            | QCD thermodynamics                                  |
| Sanjay Reddy (Los Alamos)        | The physics of Neutron stars                        |
| Carlos A. Salgado (Geneva)       | Jets in heavy ion collisions                        |
| Igor Shovkovy (Frankfurt)        | Color superconductivity                             |
| Andrei O. Starinets (Waterloo)   | ADS/CFT and QCD, viscosities, etc.                  |
| Michael Strickland (Frankfurt)   | Thermalization and plasma instabilities             |
| Derek Teaney (Stony Brook)       | Hydrodynamics with and without viscosity            |
| Mark Trodden (Syracuse)          | Baryogenesis, dark matter, dark energy              |
| William G. Unruh (Vancouver)**   | Experimental black hole evaporation?                |
| Robert Scherrer (Nashville)**    | Phase transitions in the Early Universe             |

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\* to be confirmed

## **POSTER**

A conference poster is available to download from the WEB page.

## **HOTELS**

Participants are expected to make their own hotel reservations either by contacting directly on-site housing at BNL (housing@bnl.gov) or one of the off-site hotels listed on the registration form.

We have reserved a large block of on-site housing to be provided on a "first-come, first-served" basis.

**Note that foreign nationals have to fill out the BNL guest registration form and receive a confirmation on this before they can make arrangements for on-site housing.**

If you encounter difficulties in making your own arrangements, please contact the conference secretariat.

## **TRAVEL**

For most participants flights to JFK airport will be most convenient. The closest international airport is JFK in New York. For those arriving from destinations in the United States, JFK, La Guardia and MacArthur are the closest area airports. There are more flights to JFK and La Guardia while MacArthur airport in Islip, Long Island is closest to the lab.

To get from the airports to BNL, we recommend limousine service or rental car.

## **CONTACT INFORMATION**

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WWW: <https://www.bnl.gov/sewm>

We look forward to welcoming you at BNL

## **SEWM 2006 Local Organizing Committee**

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P. Petreczky, R. Pisarski, R. Venugopalan