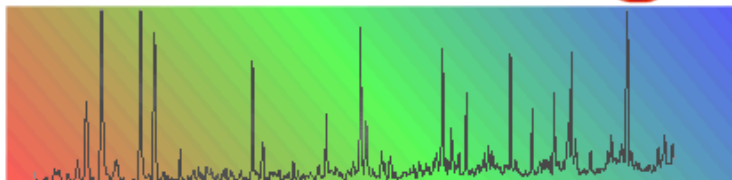




# SAS-Chicago



## January Meeting

Tuesday, January 13, 2009

The January 2009 meeting will be held at the Holiday Inn, located at 1000 Busse Road, Elk Grove Village, IL 60007. See the map on the following page.

Social Hour: 5:30 PM

Dinner: 6:30 PM

Speaker: 7:30 PM

### The Large Hadron Collider: Determining the Fundamental Structure of Nature

by

Salvatore Rappoccio, Ph.D.

*Johns Hopkins University*

The Large Hadron Collider (LHC) will probe the fundamental structure of nature. A great many open questions in physics will be explored, including the preponderance of matter over antimatter, the origin of dark matter, and the unification of the forces (possibly including gravity). Here we explore the ways that the LHC will explore these issues.

Please make your dinner reservations for the upcoming meeting by email at [sas.chicago@bigfoot.com](mailto:sas.chicago@bigfoot.com), using our online form <<http://www.sas-chicago.org/Online%20Registration%20at%20Elk%20Grove%20Holiday%20Inn%20.htm>> or by calling Slav Stepanovich at 847-421-2056. Leave **your name**, **company affiliation**, a **telephone number**, the **number of reservations** and **your choice of entree**. Please call by **noon Friday, January 9th**, so that proper arrangements can be made with the restaurant. If you can't attend, cancel by Friday noon: SAS is charged for no-shows.

**Entree choices: London Broil, Chicken Marsala, or Vegetarian Lasagna.**

Dinner Cost Members: \$30

Students and Unemployed Members: \$10

Non-members: \$35

## Biography of Salvatore Rappoccio

Dr. Salvatore Rappoccio, PhD, is a postdoctoral fellow at Johns Hopkins University. He is working on the Compact Muon Solenoid (CMS) experiment at the Large Hadron Collider (LHC) in Geneva, Switzerland. He received his PhD in physics from Harvard University, at the Collider Detector at Fermilab (CDF) experiment, studying the ttbar production cross section at the Fermilab Tevatron in Chicago, IL. He then spent two years as a technical staff member at Lincoln Laboratory at the Massachusetts Institute of Technology in Lexington, MA, before returning to particle physics and working on CMS. His research interests include probing new physics scenarios using couplings to top quarks (including large extra dimensions).

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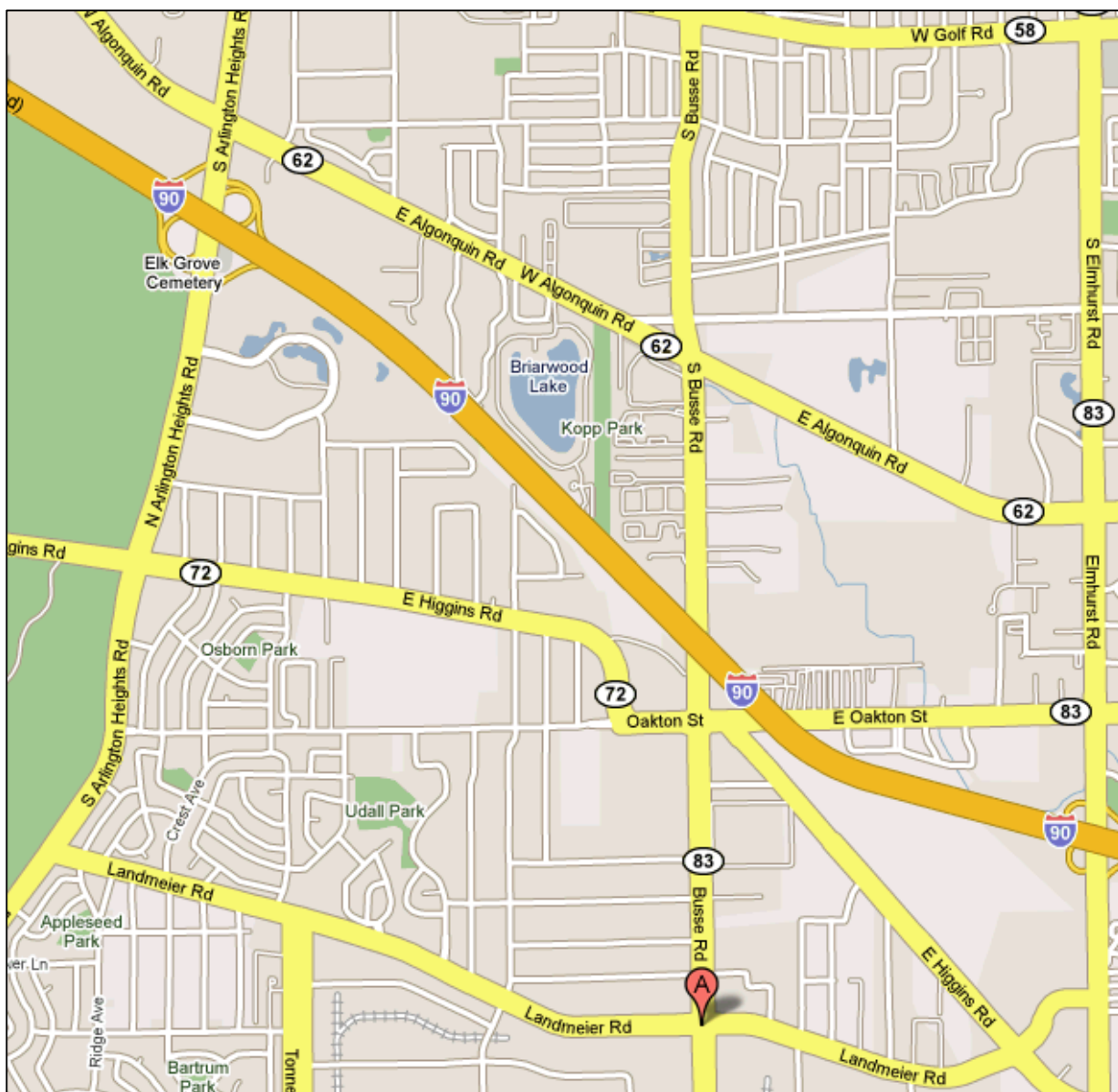
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