

Brookhaven National Laboratory presents

# Science Café

BOOK READING AND DISCUSSION

## Forensics at Brookhaven Lab's Light Source: The Truth and the Fiction Behind *Red Herring*

*An Evening With Crime Novelist Archer Mayor*  
*Author of the Joe Gunther Mystery Series*

Thursday, June 9, 2011  
Starting at 7 p.m.

Berkner Hall  
Brookhaven National Laboratory

Brookhaven Lab is located  
on the east side of the William  
Floyd Parkway (County Route  
46), 1-1/2 miles north of Long  
Island Expressway exit 68

All are invited. Age 16 and older,  
bring a photo ID.

*For more information:*

- [communityrelations@bnl.gov](mailto:communityrelations@bnl.gov)
- [www.bnl.gov](http://www.bnl.gov)
- [www.archermayor.com](http://www.archermayor.com)

### **A Novel Use of a Synchrotron Light Source:** *Excerpts From Red Herring*

— Archer Mayor, author & 2004 New England Booksellers  
Association award-winner for fiction

### **Photon Science as a Powerful Weapon for Forensics:** *Next-Generation Mystery Solving at Today's NSLS*

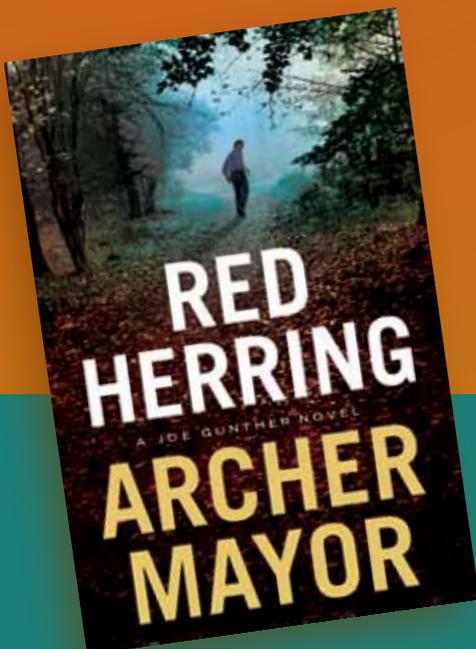
— Biochemist Lisa Miller, geochemist Tony Lanzirrotti, and  
physicist Eric Dooryhee, Brookhaven Lab

### **The NSLS as a Novel Source of Inspiration:** *An Interview With Author Archer Mayor*

### **Question & answer discussion to follow**

Reception and book-signing in the lobby afterwards,  
at which free refreshments will be served, and *Red Herring*  
and other Joe Gunther books will be available for purchase  
from Borders Stony Brook.

*An encore of this presentation will be offered at Borders Stony Brook  
on Saturday, June 11, 2011 starting at 1 p.m. For more information go to:  
[www.borders.com/online/store/StoreDetailView\\_79](http://www.borders.com/online/store/StoreDetailView_79) or call (631) 979-0500*



***“Mayor’s skills are equal to the vigor of his imagination,  
and we take his word for every twist, every turn, every  
thunderbolt.” — The New Yorker***

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*presents*

Science Café Book Reading & Discussion

**Forensics at Brookhaven Lab's Light Source:  
The Truth and the Fiction Behind *Red Herring***

*An Evening With Crime Novelist Archer Mayor  
Author of the Joe Gunther Mystery Series*

**Thursday, June 9<sup>th</sup>, 2011, beginning at 7 p.m.**

**BOOK:** *Red Herring: A Joe Gunther Novel* by Archer Mayor, published in 2010 by Minotaur Books of St. Martin's Press.

**ABOUT THE AUTHOR:** Archer Mayor is the 2004 New England Book Award winner for fiction and, as of 2010, a Fellow of the Vermont Academy of Arts and Sciences. In addition to writing one book per year for publication over the past 21 years, Mr. Mayor works as a death investigator for the Vermont State Medical Examiner's Office and as a deputy for the Windham County Sheriff's Department. He also volunteers for his local fire department and EMT squad.

**SYNOPSIS:** In Archer Mayor's 21<sup>st</sup> novel to feature Joe Gunther of the fictional Vermont Bureau of Investigation, single drops of blood are found at the scene of three seemingly unrelated murders — and the blood is not that of any of the victims. When conventional forensics only leads Joe Gunther to a dead end, the investigator takes a detour to Brookhaven National Laboratory on Long Island.

At BNL, the high-intensity beams provided by the National Synchrotron Light Source shed light upon the culprit of these dastardly deeds. Following up with good old-fashioned detective work, Joe Gunther and his fellow gum-shoes track down not only the perpetrator of these crimes, but the villainous mastermind.

**EVENT:** In an evening mixing fiction and science, author Archer Mayor will first read excerpts from *Red Herring*, to build suspense regarding whodunit, as well as to build the case for bringing the evidence to Brookhaven Lab. Next, Brookhaven Lab researchers will explore how tomorrow's forensics capabilities are being developed through research at today's synchrotron light sources, and how tomorrow's light sources — such as the National Synchrotron Light Source II now under construction at BNL — could be even more helpful to law enforcement.

And, finally, the author will discuss what inspired him to make Brookhaven Lab's Light Source a pivotal "character" in *Red Herring*. Thereafter, you the audience will be invited to query the author about Joe Gunther and Mr. Mayor's other characters, the art and science of crafting police procedurals and other writing, and fictional murder and mayhem in rural Vermont.

**FREE REFRESHMENTS:** During a reception following the event, coffee and cake will be offered in the lobby, where the author will be autographing copies of his books, which will be offered for sale by Borders Stony Brook.

**LOCATION:** Berkner Hall, Brookhaven National Laboratory. The Lab is located on the east side of the William Floyd Parkway (County Route 46), 1-1/2 miles north of Long Island Expressway exit 68. Age 16 and over, please bring photo ID.

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