

For PNNL staff interested in

- ▶ inspection technologies
- ▶ arms control policy
- ▶ environmental sampling
- ▶ detection of nuclear processes
- ▶ an opportunity to engage with a core member of the CTBTO On-Site Inspection Division.

Dr. Gaya-Piqué on  
YouTube: [click here](#)

HOSTED BY:

- PACIFIC NORTHWEST NATIONAL LABORATORY'S CENTER FOR GLOBAL SECURITY
- THE NUCLEAR EXPLOSION MONITORING AND POLICY PROGRAM

## On-site Inspections—The Ultimate Verification Measure Under the Comprehensive Nuclear Test Ban Treaty

Wednesday, December 14, 2011

10 a.m. – 11:30 a.m. in the Battelle Auditorium

Dr. Luis R. Gaya-Piqué, Policy Planning Officer, On-site Inspection Division, Comprehensive Nuclear-Test Ban Treaty Organization (CTBTO) Preparatory Commission in Vienna, Austria



Dr. Luis R. Gaya-Piqué develops technical methodology for on-site inspection teams.

Dr. Gaya-Piqué will discuss

- ▶ Insights into the on-site inspection regime of the Comprehensive Nuclear Test Ban Treaty
- ▶ Technical aspects of an on-site inspection, including timelines and constraints that an inspection team may encounter
- ▶ Advantages of each of the on-site inspection techniques allowed by the Treaty
- ▶ Current status of technical development for application during an on-site inspection
- ▶ How the Treaty relates to the work being conducted within the Provisional Technical Secretariat of the Treaty Organization

### About the Treaty

The Comprehensive Nuclear Test Ban Treaty puts a cap on the development of nuclear weapons by banning nuclear weapon testing. The Treaty Organization will verify the ban on nuclear tests, operating a worldwide monitoring system and conducting on-site inspections.

