



# AGENDA

## Detecting Radiation in Our Radioactive World

Saturday, November 8, 2014

Disneyland Hotel - Anaheim, CA

Room: Castle A & B

<b>7:30 AM</b>	Attendee Check-in begins (Continental Breakfast available)
<b>8:00</b>	Welcome & Introductions; Overview of Workshop - Mary Lou Dunzik-Gougar
<b>8:05</b>	Seeing the Unseen – Dunzik-Gougar
<b>8:10</b>	<b>Activity: Rutherford Boards</b>
<b>8:40</b>	Introduction to Radiation –Dunzik-Gougar
<b>9:40</b>	<b>Activity: Half-Life and Modeling Decay Chains</b>
<b>10:00</b>	<b>BREAK</b>
<b>10:15</b>	Introduction to the Fuel Cycle - Dunzik-Gougar
<b>10:30</b>	Nuclear Power / Electricity Generation – Ted Quinn
<b>11:00</b>	Nuclear Waste Management – Quinn
<b>11:30</b>	<b>LUNCH (provided)</b>
<b>12:15 PM</b>	Applications of Nuclear Science and Technology – Quinn
<b>1:00</b>	Career Opportunities for Students - Quinn
<b>1:15</b>	<b>Activity: Cloud Chambers</b>
<b>1:45</b>	<b>Activity: Irradiated Salt Demonstration/Radiographs</b>
<b>2:00</b>	<b>Activity: Marble Nuclei – Micha Kilburn, JINA</b>
<b>2:45</b>	<b>BREAK</b>
<b>3:00</b>	<b>Activity: Isotope Discovery Kit</b>
<b>3:45</b>	<b>Activity: Detecting Radiation (Geiger Counters)</b>
<b>4:30</b>	Summary and Evaluations
<b>5:00</b>	Workshop Ends

Presentations can be found at <http://www.ans.org/pi/edu/teachers/presentations/>

Funding for this workshop is provided in part by

*American Nuclear Society's Center for Nuclear Science and Technology Information*

***[www.NuclearConnect.org](http://www.NuclearConnect.org)***