

## IGCC PUBLIC POLICY & NUCLEAR THREATS

### 2013 SUMMER TRAINING WORKSHOP

August 4 – 18, 2013 UC San Diego Campus

All sessions held in Deutz Room at the Institute of the Americas unless otherwise noted.

All meals for students will be held at Café Ventanas at the following times unless otherwise noted:

Breakfast 7:30 – 8:30 am; Lunch 12:00 – 1:00 pm; Dinner 6:00 – 7:00 pm

A light continental breakfast will also be available every day in the meeting room.

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<b>Sunday, August 4</b>	<b>Welcome</b>
All day	Check-in & logistics
6:00 pm	Welcome Dinner (The Village- 15 <sup>th</sup> Floor, Room A)
<b>Monday, August 5</b>	<b>Week 1:</b>
8:45 am	Informal Discussion - <b>Neil Narang</b> , IGCC - <b>Ambassador Linton Brooks</b> - <b>Matt Gardner</b> , Atomic Weapons Establishment (U.K.)
10:30 pm	Introduction; Political Science vs. Policy - <b>Ambassador Linton Brooks</b> - <b>Neil Narang</b> , IGCC
Noon	Lunch at <i>Café Ventanas</i>
1:00 pm	Nuclear Reactors: Design & Safety - <b>William Charlton</b> , Texas A&M
3:15 pm	Beach Hike
<b>Tuesday, August 6</b>	
8:45 am	Discussion
9:30 am	Nuclear Fuel Cycle and Proliferation Risk - <b>William Charlton</b> , Texas A&M
Noon	Lunch at <i>Café Ventanas</i>
1:00pm	Nuclear Devices and Effects - <b>Matt Gardner</b> , Atomic Weapons Establishment (U.K.)
3:15 pm	Nuclear Weapons Arsenals - <b>Ambassador Linton Brooks</b> - <b>Matt Gardner</b> , Atomic Weapons Establishment (U.K.)
6:00 pm	<b>Nuclear Jeopardy (Porter's Pub)</b>
<b>Wednesday, August 7</b>	
8:45 am	Discussion
9:30 am	The Legacy of the Cold War: Deterrence, Strategy and Forces - <b>Ambassador Linton Brooks</b>
Noon	Lunch at <i>Café Ventanas</i>
1:00 pm	Post-Cold War Deterrence and the 2010 Nuclear Posture Review - <b>Amy Woolf</b> , Congressional Research Service - <b>Brad Roberts</b> , Former Deputy Assistant Secretary of Defense
6:00 pm	Small Group Dinner
<b>Thursday, August 8</b>	
8:30 am	Depart for University of California, Irvine
10:00 am	UCI Reactor Tour
4:00 pm	Depart UCI

5:30 pm Dinner at Pizza Port San Clemente

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**Friday, August 9**

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8:45 am Discussion  
9:30 am International Nonproliferation Regime

- **Laura Rockwood**, International Atomic Energy Agency
- **Robert Brown**, Temple University
- **Scott Sagan**, CISAC

Noon Lunch at *Café Ventanas*  
1:00 pm International Safeguards

- **Brian Boyer**, Los Alamos National Laboratory
- **Olli Heinonen**, Belfer Center for Science and International Affairs, Harvard
- **Laura Rockwood**, International Atomic Energy Agency

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**Saturday, August 10**

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8:45 am Discussion  
9:30 am Monitoring

- **Jeff Kaplow**, University of California, San Diego
- **Rick Wallace**, Guest Scientist at LANL and Sr. Consultant for Aquila Technologies

Noon Lunch in classroom – Practical Radiation Detection

- **Mark Schanfein**, Idaho National Laboratory

1:00 pm Safeguarding the Fuel Cycle

- **Brian Boyer**, Los Alamos National Laboratory
- **Shirley Johnson**, Tucker Creek Consulting

3:15 pm Inspection Technologies

- **Olli Heinonen**, Belfer Center for Science and International Affairs, Harvard
- **Mark Schanfein**, Idaho National Laboratory

6:00 pm Small Group Dinner

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**Sunday, August 11**

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***No Sessions***

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**Monday, August 12**

***Week 2:***

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8:45 am Discussion  
9:30 am USSR/Russia Nuclear Strategy and Policy

- **Ambassador Linton Brooks**
- **Simon Saradzhyan**, Belfer Center for Science and International Affairs, Harvard

Noon Lunch at *Café Ventanas*  
1:00 pm Participant Presentations

- **Alex Lee**
- **Susan Turner Haynes**
- **Francesca Giovannini**
- **Patricia Schuster**
- **Matthew Gratias**
- **Ivanka Barzashka**

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**Tuesday, August 13**

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8:45 am Discussion  
9:30 am Nuclear Forensics  
- **Kim Knight**, Lawrence Livermore National Laboratory  
Noon Lunch at *Café Ventanas*  
1:00 pm International Security  
- **William Tobey**, Senior Fellow, Belfer Center for Science and International Affairs  
6:00 pm Small Group Dinner

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**Wednesday, August 14**

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8:45 am Discussion  
9:30 am Proliferation: Causes  
- **Alex Montgomery**, Reed University  
- **Christopher Way**, Cornell University  
Noon Lunch at *Café Ventanas*  
1:00 pm Proliferation: Consequences  
- **Matt Fuhrmann**, Texas A&M  
- **Michael Horowitz**, University of Pennsylvania  
- **Rupal Mehta**, University of California, San Diego  
3:15 pm Strategic Arms Control  
- **Ambassador Linton Brooks**  
6:00 pm Small Group Dinner

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**Thursday, August 15**

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8:45 am Discussion  
9:30 am Iran  
- **Matthew Kroenig**, Georgetown  
- **Larry Rubin**, Georgia Tech  
1:00 pm North Korea  
- **Stephan Haggard**, University of California, San Diego  
- **David Kang**, University of Southern California  
6:00 pm Small Group Dinner

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**Friday, August 16**

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8:45 am Discussion  
9:30 am China  
- **Michael Chase**, Naval War College  
- **Tai Ming Cheung**, IGCC  
1:00 pm South Asia  
- **Karthika Sasikumar**, San Jose State University  
- **Neil Joeck**, Visiting Scholar, Institute of International Studies, University of California, Berkeley  
3:15 pm Nuclear Smuggling  
- **Anne McQuaid**, Pacific Northwest National Laboratory

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**Saturday, August 17**

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9:00 am Simulations  
- **Ambassador Linton Brooks**

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Noon  
5:00 pm

- **Neil Joeck**, Visiting Scholar, Institute of International Studies, University of California, Berkeley
- Lunch at *Café Ventanas*  
Closing Reception at The Village- 15<sup>th</sup> Floor, Room A