

Schedule

Note - schedule is subject to change.

Sessions will be held in Bechtel Engineering Center on the UC Berkeley Campus, unless otherwise noted. Breakfasts and dinners will be in the Foothill Dining Hall. Lunches and sessions will be held in Bechtel Engineering Center on the UC Berkeley Campus, unless otherwise noted. A map of the building is provided in the Google Drive. For more information about the sessions and the speakers, please see the “Session Descriptions” and “Speaker Bios” documents in the Google Drive.

Week One

Saturday, July 15th Group dinner at Foothill Dining Commons

Sunday, July 16th

11:30AM Outing and Team Building - *Milos Atz*
Meet outside of Etcheverry Hall at 11:30 to pick up boxed lunches

6:30 PM Dinner shift at Foothill Dining Commons

Monday, July 17th

9:00 - 9:30 AM Introduction and set context of course - *Rachel Slaybaugh, UCB*

9:30 - 10:30 AM Venture Fundamentals - *Pete Moran, DCM Ventures*

10:30 - 10:45 AM Break

10:45 - 11:30 AM Societal Impacts - *Bruce Pittman, NASA*

11:30 AM - 12:15 PM How to Captivate Any Audience - *Antoine de Morree, Stanford*

12-15 - 1:00 PM Lunch

1:00 - 2:30 PM Company Contexts - Panel
Alex Cheung, TriAlpha; David Hill, Terrestrial Energy; Mike Kurzeja, Exelon; Mark Johnson, DOE-EERE; Moderated by Rachel Slaybaugh, UCB

2:30 - 2:45 PM Break

2:45 - 4:15 PM Cross Cutting Needs in Energy Systems - Panel
Jonathan Burbaum, Amfora; Ron King, EPRI; Joe Kowalczyk and Chris Comfort, Southern Company; Ravi Prasher, LBNL; Moderated by Sama Bilbao y Leon, VCU

4:15 - 6:00 PM Group Project Discussion Time - *Module Introductions*

6:30 - 8:30 PM Dinner - *David Hill, Terrestrial Energy*




Tuesday, July 18th

9:00 - 10:00 AM	Group Selection
10:00 - 10:15 AM	Break
10:15 AM - 12:00 PM	What is Innovation? <i>Lucas McCann, Jump Associates; David Kramer, Blach Construction; TBD; Moderated by Sama Bilbao y Leon and Ken Kahn, VCU</i>
12:00 - 1:00 PM	Lunch
1:00 - 3:00 PM	Innovation DNA - <i>Moderated by Sama Bilbao y Leon & Ken Kahn, VCU</i>
3:00 - 3:15 PM	Break
3:15 - 5:00 PM	Group Creativity/Innovation Activities (Problem-solving Exercises) <i>Moderated by Sama Bilbao y Leon & Ken Kahn, VCU</i>
5:00 - 6:00 PM	Team Building Exercise: Defining Team Values - <i>Sara Harmon, UCB</i>

Wednesday, July 19th

9:00 - 10:30 AM	Key Concepts in Product Development I - <i>Sama Bilbao y Leon & Ken Kahn, VCU</i>
10:30 - 10:45 AM	Break
10:45 AM - 12:00 PM	Key Concepts in Product Development II - <i>Sama Bilbao y Leon & Ken Kahn, VCU</i>
12:00 - 1:00 PM	Lunch
1:00 - 2:15 PM	Branding and Strategic Communication - <i>Caley Cantrell, VCU Brandcenter</i>
2:15 - 2:30 PM	Break
2:30 - 3:45 PM	Going from a Good Idea to a Great Product - <i>Paul Lorenzini, NuScale</i>
3:45 - 4:00 PM	Break
4:00 - 5:00 PM	Group Meetings - <i>Moderated by Sama Bilbao y Leon & Ken Kahn, VCU</i>



5:00 - 5:10 PM Break

5:10 - 6:00 PM Group Presentations - *Moderated by Sama Bilbao y Leon & Ken Kahn, VCU*

Thursday, July 20th

9:00 - 9:30 AM Module Overview: Learning Objectives

9:30 - 10:45 AM Overview of Nuclear Energy and Engineering - *Koroush Shirvan, MIT*

10:45 - 11:00 AM Break

11:00 AM - 12:30 PM Radiation Interactions with Materials - *Peter Hosemann, UCB*

12:30 - 1:30 PM Lunch

1:30 - 3:00 PM Integration of Safety Culture in Design - *Phil Hildebrandt, INL*

3:00 - 3:15 PM Break

3:15 - 4:45 PM Integration of Operation in Design - *Phil Hildebrandt, INL*

5:30 - 7:00 PM Happy Hour with NASA - *Bruce Pittman & Dan Rasky, NASA*

Friday, July 21st

9:00 - 10:00 AM Nuclear Power Plant Economics - *Lara Pierpoint, Exelon*

10:00 - 11:00 AM Advanced Nuclear Fuels and Materials - *Adrien Couet, UW-M*

11:00 - 11:15 AM Break

11:15 AM-12:30 PM Advanced Reactor Designs - *Nicholas Brown, PSU; Florent Heidet, ANL*

12:30 - 1:30 PM Lunch

1:30 - 2:30 PM Hybrid Energy Systems - *Josh Walter, TerraPower*

2:30 - 3:30 PM Advanced Technology Session - *Ron King, EPRI*

3:30 - 3:45 PM Break

3:45 - 4:15 PM Advanced Modeling & Simulation - *Max Fratoni, UCB*

4:15 - 4:30 PM Module Takeaways: Wrap-up - *Koroush Shirvan, MIT*



Sunday, July 23rd

4:30 - 6:30 PM Mothers for Nuclear Pre-mixer

6:45 - 8:00 PM Women in Nuclear Mixer

Week Two

Monday, July 24th

9:00 - 10:30 AM Navigating Licensing and Legal Issues in Nuclear I - *Stephan Burdick & Alex Polonsky, Morgan Lewis*

10:30 - 10:45 AM Break

10:45 AM - 12:15 PM Navigating Licensing and Legal Issues in Nuclear II - *Stephan Burdick & Alex Polonsky, Morgan Lewis*

1:15 - 2:45 PM International Trade and Civil Nuclear Energy: Status of International Agreements and Top Markets for Nuclear Export - *Tyson Smith, Winston & Strawn*

2:45 - 3:15 PM Break

3:15 - 3:45 PM Q&A: From 2016 Bootcamp to Incubator - *Ian Hamilton, Chain Reaction Innovations*

Tuesday, July 25th

9:00 - 9:50 AM Global Trends and Drivers - *Pavel Tsvetkov, TAMU*

9:50 - 10:00 AM Break

10:00 - 11:00 AM What is the Market for the Nuclear Industry? - *Adrienne Little, GoogleX; Beth Zotter, Cyclotron Road*

11:00AM - 12:00PM Group Meetings

12:00 - 1:00 PM Lunch

1:00 - 3:00 PM Training Workshop on Venture Financing Terms and Processes - *Adam Sterling, UCB Law School*

3:00 - 3:15 PM Break

3:15 - 5:15 PM Modeling the Economics of Early Stage Finance - *Adam Sterling, UCB Law*



School

5:15 - 6:15 PM Group Meetings

Wednesday, July 26th

9:00 - 10:30 AM Development Drivers and Instruments: What Makes a Long-Term Success?
Pavel Tsvetkov, TAMU

10:30AM - 12:00PM Group Meetings

12:00 - 1:30 PM Lunch

1:30 - 2:30 PM Small Start-up Incubators: From an Idea to a Technology - *John Carlisle, Chain Reaction Innovations*

2:30 - 3:30 PM GAIN Initiative: Moving Innovative Nuclear Energy Technologies Toward Commercialization - *Rita Baranwal, INL*

3:30 - 3:45 PM Break

3:45 - 4:45 PM Towards Technology Demonstration & Commercialization - *Jose Reyes, NuScale*

4:45 - 6:00 PM Activity: How would you leverage the governmental organizations to help you towards commercialization of your product? - *Rita Baranwal, INL; John Carlisle, Chain Reaction Innovations*

7:00 - 9:00 PM Environmental Progress happy hour - *Eric Meyer*

Thursday, July 27th

9:00 - 10:00 AM Overview and Examples on Communication & Entrepreneurship in the Nuclear Industry - *Todd Allen, UW - M*

10:00AM - 12:30PM The Science of Communication of Science from Academics to General Public - *Dietrem Scheufele, UW-M*

12:30 - 2:00 PM Lunch and Activity - *Todd Allen & Dietrem Scheufele, UW - M*

2:00 - 4:00 PM Roundtable and Q\&A: What are the Resources Available to Entrepreneurs at the Policy/Decision Making Level - *Alison Hahn, DOE; Spencer Nelson, ClearPath Foundation; Craig Piercy, ANS; Ben Reineke, Senator Lisa Murkowski staff*



[TBD]; Moderated by Todd Allen & Adrien Couet, UW-M

4:00 - 5:30 PM Business Pitch Presentation - *Adrien Couet, UW - M*

5:30 - 7:00 PM Happy Hour with Cyclotron Road

Friday, July 28th

9:00 - 10:30 AM Starting a Company - Panel

*Mike Laufer, Kairos Power; Dan Recht, OtherLab; Sam Shaner, Yellowstone;
Matt Thompson, TriAlpha; Moderated by Milos Atz, UCB*

10:30 - 10:45 AM Break

10:45 - 11:45 AM What a Law Firm Will Do for You - *John Park, Morgan Lewis*

11:45AM - 12:45PM Lunch

12:45 - 1:45 PM Opportunities at an Incubator or Accelerator -- Panel

*Marilyn Waite, Village Capital; Aries Loumis, Lumos; Kat Manalac,
YCombinator; Beth Zotter, Cyclotron Road; Moderated by Josh Rehak, UCB*

1:45 - 3:00 PM Final Group Meetings

3:00 - 3:25 PM Welcome and Virtual Address by Jeffrey Sachs - *Tsu-Jae King Liu, UCB; Rachel
Slaybaugh, UCB; Jeffrey Sachs, Columbia; Moderated by Kathy Shield, UCB*

3:25 - 4:15 PM Design Team Pitches - *Alan Bolind & Lee Flemming, UCB; Lindsay Miller,
Alphabet Energy; Dipender Saluja, Capricorn Investments; Brad Zamft, TL
Biolabs; Moderated by Kathy Shield, UCB*

4:15 - 4:35 PM Keynote Speech by Arun Majumdar with Q&A - *Arun Majumdar, Stanford;
Moderated by Kathy Shield, UCB*

4:35 - 4:55 PM Q&A with Tomorrow Today Innovators - *Moderated by Kathy Shield, UCB*

4:55 - 5:00 PM Presentation of Awards - *Kathy Shield, UCB*

5:30 - 7:00 PM Closing Reception

