

Doctoral Short Course

Concrete Fit for Purpose and Planet June 20-21, 2022

Location:

Kearney Hall, Room 312
1491 SW Campus Way
Corvallis, OR 97331

Program

Day 1 – June 20, 2022

- 8:00 am Continental Breakfast
- 8:30 am Hydration, SCMs, Reactivity Evaluation: How Much Cement do You Need? *Scrivener*
- 10:00 am *Break*
- 10:30 am Durability: Corrosion, New Mixture Proportioning Approach *Isgor*
- 12:00 pm *Lunch*
- 1:00 pm Durability: Freeze/Thaw, Volume change, *Weiss*
- 2:30 pm *Break*
- 3:00 pm Durability: Sulfate Attack *Aguayo (virtual lecture)*

Day 2 – June 21, 2022

- 8:00 am Continental Breakfast
- 8:30 am Sustainability in Structural Design *Dunant (virtual lecture)*
- 10:00 am *Break*
- 10:30 am Durability: Alkali-silica reaction *Ideker*
- 12:00 pm *Lunch*
- 1:00 pm Mixture Proportioning and Sustainable Solutions *Trejo*
- 2:30 pm *Break*
- 3:00 pm Field experience, Repair, Specifications *Bentivegna*

