INTRODUCTION

9.00–9.20 Welcome and Opening Remarks
   Christoph Reinhart, Solemma
   Susan Ubbelohde, University of California Berkeley

SESSION I New Research and Design Workflows (Lead by Alstan Jakubiec, Solemma)

9.20–9.40 DIVA Updates
   Timur Dogan, Solemma

9.40–10.00 From Radiance to Real-Time and Virtual Reality
   Nathaniel Jones, Arup San Francisco

10.00–10.20 Annual Daylight Impacts of Manual and Automated Blind Control Algorithms
   Amir Nezamdoost and Kevin Van Den Weymelenberg, University of Oregon

10.20–10.40 Coffee Break

SESSION II Environmental Performance in Design I (Lead by Jon Sargent, Solemma)

10.40–11.00 Collaborative Visualizations for Optimized Design Decisions
   Brianna Coston, Kera Lagios and Mike Martinez, Integral Group

11.00–11.20 Developing Performance Tools for Early Stage Design
   Christine Tiffin, SOM

11.20–11.40 Simulating the Effect of Solar Radiation on Thermal Comfort
   Madeline Gradillas and Henry Richardson, Atelier Ten

11.40–11.50 Announcement and Presentation of Student Competition Winner

11.50–1.15 Workshop photo and lunch (on your own)

1.15–1.30 Overview Center for the Built Environment
   Stefano Schiavon, UC Berkeley
SESSION III  Circadian/Healthy Lighting (Lead by Christoph Reinhart, Solemma)
1.30–2.00  The Eye is Not Just for Seeing: How Light Affects Alertness, Sleep and Circadian Rhythms
             Steven Lockley, Harvard Medical School
2.00–2.20  Measuring and Analyzing the Circadian Light: A Discussion on Units, Metrics, Techniques, and Recommendations
             Mehlika Inanici, University of Washington
2.20–2.40  Spectral Odysseys, Case Studies in the Application of Lighting Research
             Ed Clark and Marty Brennan, ZGF
2.40–3.05  ALFA Tool - Spectral Simulations for Circadian Lighting
             Jon Sargent, Solemma
3.05–3.30  Coffee Break

SESSION IV  Environmental Performance in Design III (Lead by Timur Dogan, Solemma)
3.30–3.50  The Way the Eye Sees
             George Loisos and Susan Ubbelohde, Loisos + Ubbelohde
3.50–4.10  Bright Sparks in Façade Engineering
             Tommaso Pieraccini, Buro Happold
4.10–4.30  Heliotropic Shading: Daylighting a Rare Books Reading Room with Electrochromic Glass and Parametric Analysis
             Dan Weissman, Lam
4.30–5.00  Discussion and wrap-up
5.00–6.00  Reception at Hotel Shattuck Courtyard
6.00–6.30  Walk to Faculty Club
6:30–10:00  Dinner UC Berkeley Faculty Club