



# Solemma Symposium 2018

October 23  
Cornell University  
Architecture Art Planning  
26 Broadway  
New York, NY 10004  
[Link to Google Maps](#)

8:30–9:00     *Registration*

## INTRODUCTION

9:00–9:20     *Welcome and Opening Remarks*  
                  Christoph Reinhart, Solemma | MIT  
                  Timur Dogan, Solemma | Cornell University

## SESSION I     **Environmental Performance in Design (Lead by Timur Dogan, Solemma)**

9:20–9:50     *Light in the Public Realm*  
                  James Carpenter and Joseph Welker, James Carpenter Design Associates

9:50–10:10    *Connectivity of Natural and Artificial Light*  
                  Gabriele von Kardorff, Kardorff Ingenieure Lichtplanung GmbH

10:10–10:30   *Driving Form: Intersection Departure*  
                  Sean Quinn, HOK

10:30–10:50   *Relative Performance: Designing the Smart(er) City*  
                  Luc Wilson, KPF

10:50–11:10   *Coffee Break*

## SESSION II     **Teaching Building Science as a Game (Lead by Jon Sargent, Solemma)**

11:10–12:40   *Presentations and Panel Discussion*  
                  Christoph Reinhart, MIT  
                  Jeff Geisinger, Rhode Island School of Design | Utile  
                  Bill Braham, University of Pennsylvania  
                  Liz McCormick Tulane University  
                  Alstan Jakubiec, Singapore University of Technology and Design  
                  Tarek Rakha, Syracuse University  
                  Timur Dogan, Cornell University

12:40–13:40   *Workshop photo and lunch (on your own)*

**SESSION II      Circadian Lighting Design (Lead by Alstan Jakubiec, Solemma)**

- 13:40–14:10    *The Eye is Not Just for Seeing*  
Steven Lockley, Harvard University
- 14:10–14:30    *ALFA Workflow + Field Studies*  
Jon Sargent and Alstan Jakubiec, Solemma | SUTD
- 14:30–14:50    *Improving Electric Lighting through Spectral Modeling*  
Sarah Safranek, Pacific Northwest National Laboratory
- 14:50–15:10    *Integrating ALFA Melanopic Lux simulation into lighting design decisions*  
Natalia Lesniak and Mike Thai, Lumen Architecture
- 15:10–15:25    *Daylighting Handbook II Overview*  
Christoph Reinhart, Solemma
- 15:25–15:45    *Coffee Break*

**SESSION IV      Concept 2 Practice (Lead by Christoph Reinhart, Solemma)**

- 15:45–16:00    *Multidimensional Urban Modeling + Building Integrated Agriculture*  
Khadija Benis and Christoph Reinhart, MIT
- 16:00–17:15    *Panel Discussion*  
Thomas Auer, Technical University of Munich | Transsolar  
Nico Kienzl, Atelier Ten  
Cameron Thomson, Arup
- 17:15–17:30    *Closing Remarks*
- 17:30–18:00    *Walk to Rosa Mexicano, 41 Murray Street, New York, New York*
- 18:00–21:00    *Dinner at Rosa Mexicano (with full registration)*