



DIVA Day 2016

30 September 2016

University of Toronto
John H. Daniels Faculty of Architecture, Landscape, and Design
Room 103 (Lecture theatre)
230 College St, Toronto, Canada

8.30–9.00 Registration / Coffee and Pastries

INTRODUCTION

9.00–9.15 Welcome and Opening Remarks
Christoph Reinhart, Solemma
Ted Kesik, University of Toronto

SESSION I New Research and Design Workflows (Lead by Alstan Jakubiec)
9.15–10.00 Integrated Multi-Zone Thermal and Lighting Analysis
Jon Sargent and Timur Dogan, Solemma

10.00–10.30 Speeding Up Daylighting Design and Glare Prediction Workflows with Accelerad
Nathaniel Jones, MIT

10.30–10.45 Daylighting Effect of Separating Direct and Diffuse Insolation with Facade-Integrated,
Transparent Solar Collector (Winner of the DIVA Day 2016 Student Competition)
Mohamed Aly and Kenton Phillips, CASE RPI

10.45–11.00 Coffee Break

SESSION II Environmental Performance in Design I (Lead by Jeff Niemasz)
11.00–11:30 Near Future Practices
Ryan Welch, Kieran Timberlake

13.30–12.00 Circadian Daylighting in Practice
Jessica Zofchak, Atelier Ten

12.00–12.30 Driving Form: Daylight as Sculptor
Sean Quinn, HOK

12.30–1.30 Lunch

SESSION III Environmental Performance in Design II (Lead by Jon Sargent)

- 1.30–2.00 Innovative Approaches to Solar Analysis in Practice
Krista Palen, Transsolar
- 2.00–2.30 Developing Building Performance Tools: From Views to Zoning
Luc Wilson, KPF
- 2.30–3.00 Achieving Daylight Quality in Large Scale Projects
Amaia Puras, HLB Lighting Design
- 3.00–3.30 Coffee Break and Workshop Photo

SESSION IV Environmental Performance in Design III (Lead by Timur Dogan)

- 3.30–4.00 DIVA analysis as a design tool – some project examples
Neil Katz, SOM
- 4.00–4.30 Defining the Zone of Biological Darkness
Kyle Konis, University of Southern California
- 4.30–5.00 Work, Recent Questions in Practice
George Loisos and Susan Ubbelohde, Loisos + Ubbelohde
- 5.00–5.30 Discussion and wrap-up
- 5.30–6.00 Walk to dinner
- 6:00–9:00 Dinner at Faculty Club of the University of Toronto
41 Willcocks St, Toronto, ON M5S 3G3, Canada