Thermal bridging from concrete or metal elements such as steel studs or concrete balconies can significantly reduce the effectiveness of insulation, create cold surfaces where mold can grow, and can significantly reduce the lifespan of finishes. In high performance buildings in particular the mitigation of thermal bridges is vital and primarily the responsibility of the architectural team.

Increasingly, building codes are also requiring that designers incorporate a quantification of these thermal bridges into their energy modeling and accounting when seeking approvals. Understanding thermal bridges and their effects is fast becoming a critical skill for any designer working on the building envelope.

This half-day session will build on the concepts covered in Thermal Bridge Modeling for Architects Part 1. All participants should have a working knowledge of the THERM program and have THERM successfully installed on their computers if they wish to follow along in class. This class will focus on using THERM to calculate \( \psi \) Values for several typical situations, such as corners, parapets, and windows, which will be illustrated in step-by-step fashion.

**Image: Building-Type, LLC**

**Friday, 1/24, 1pm – 5pm**

**Location**

Building Energy Exchange, 31 Chambers Street, Suite 609, New York, NY 10007

**Price**

Member: $75
General Public: $75
Save The Date

Jan 13, 2020
2020 AIANY Design Awards Announcement

Jan 22, 2020
New Fellow Salon with Melissa DelVecchio, FAIA

Jan 27, 2020
Exhibition Design as Social Practice