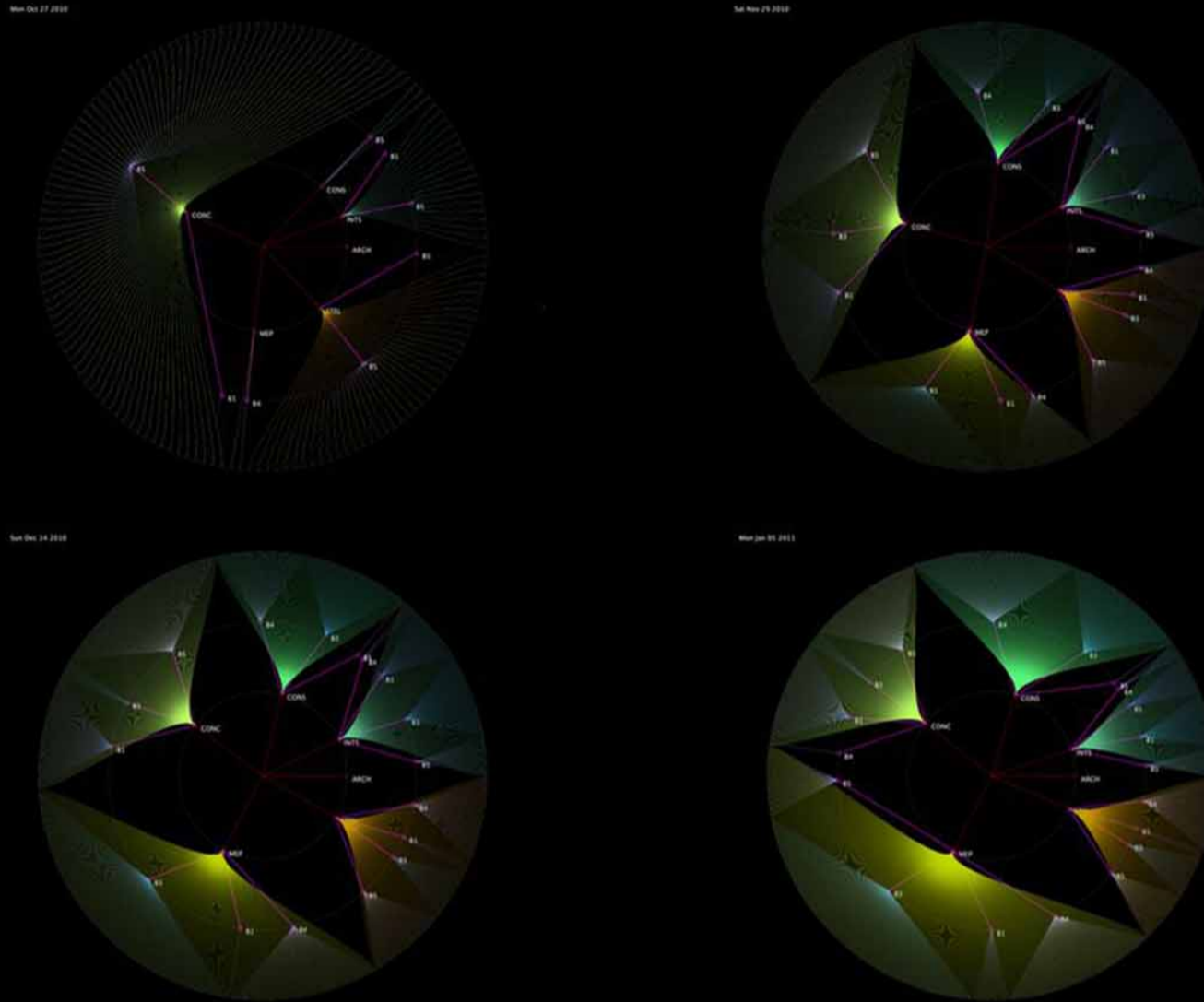


June 1, 2016

Martin Centre Lecture Department of Architecture



Computing the Architectural Imagination: Postwar Research and Disciplinary Change at MIT and Cambridge

Dr. Daniel Cardoso Llach

Assistant Professor, Carnegie Mellon University, School of Architecture
Martin Centre Visiting Scholar 2016

The lecture will focus on the author's recent book "Builders of the Vision: Software and the Imagination of Design" a new look at the history of Computer-Aided Design (CAD) and Numerical Control tracing links between postwar research and contemporary architectural discourses, practices and shapes. Drawing from primary archival and ethnographic sources, it will identify the crucial ideas shaping "digital design" since the first numerical control and CAD systems were developed under military contracts at MIT between 1949 and 1970: the cybernetic theorization of design as a human-machine endeavor; the vision of computers as "perfect slaves" taking care of the drudgery of physical labor; the techno-social utopias of computers as vehicles of democracy and social change; the entrepreneurial urge towards design and construction integration; and the managerial ideologies enabling today's transnational geographies of practice.

When: 1.15 - 2.15, June 1, 2016

Where: Lecture Room 1, Department of Architecture
1-5 Scroop Terrace, Cambridge CB2 1PX



Queries to Alex Young Il Seo (yis20@cam.ac.uk) and Edward Barsley (eb474@cam.ac.uk)