



November 9-11, 2016
Omaha, Nebraska

Workshop Schedule

Day 1: Wednesday, November 9

Session I. Monuments, Sites, and Assessment Technologies

7.30am	Breakfast
	Ece Erdogmus (Workshop Chair) & Jay Puckett (Durham School Director):
8.00am	Welcome & Workshop Goals
8.15am	*Michael Hoff, Ryhs Townsend, Ece Erdogmus, Joshua Feedland "Antioch Ad Cragum: An Interdisciplinary Challenge" <i>UNL, Clark University, WJE Collaboration</i>
9.15am	*Matthew Farmer "The Washington National Cathedral, Expect the Unexpected", <i>Wiss, Janney, Elstner Associates (WJE)</i>
9.45am	*Mike Schuller "Nondestructive Evaluation and Testing of Masonry Structures", <i>Atkinson-Noland & Associates</i>
10.15am	Break & Poster Viewing
10.30am	Ben Kramer "Drones, Photogrammetry, and Virtual Reality: Tools for Conservation and Education", <i>University of Nebraska-Lincoln (UNL)</i>
11.00am	Phil Sapirstein "Photogrammetry and preservation of the Temple of Hera at Olympia", <i>UNL</i>
11.30am	Zhigang Shen "A Case Study on drone-based 3D modeling", <i>UNL</i>
12pm	*LUNCH & Presentation by Darin Cielocha & Jerry Berggren "The Best Approach is Team Approach" <i>McGill Restoration & Berggren Architects</i>

Session II. Masonry Arch Bridges

1.15pm	*Thomas Boothby "Modes of Masonry Arch Analysis", <i>PennState University</i>
2.15pm	*Carlo Citto "Assessment and rehabilitation of stone arch bridges: an overview", <i>Atkinson-Noland & Associates</i>
2.45pm	*Daniel Oliveira "Analysis methods and modelling strategies for masonry arch bridges" <i>University of Minho</i>
3.15pm	Break & Poster Viewing
3.30pm	Donal Ryan "Masonry Arch Bridge Scour, the limitations of current predictive equations", <i>University of West of Scotland</i>
4.00pm	Robert Ettema "Channel Scour Challenges for Masonry Arch Bridges", <i>Colorado State University</i>
4.30pm-5.30pm	Panel Discussion (Moderator: Carl Citto)

Day 2: Thursday, November 10

Session III. Monuments, Sites, and Assessment Technologies - Part 2

8.00am	Breakfast/Welcome Back /Announcements (Ece Erdogmus)
	Joshua Freedland "Conservation Trends in U.S. and Case Studies"
8.30am	<i>Wiss, Janney, Elstner Associates</i>
	Franco Bontempi "Restoring Architecture: Material Fitting / Structure Understanding"
9.30am	<i>University of Rome La Sapienza</i>
10.00am	Break
	Richard Wood "Structural Damage Detection within Digital Point Clouds"
10.15am	<i>University of Nebraska-Lincoln (UNL)</i>
	*Ariel Kousgaard & Ece Erdogmus "Use of GFRP, Epoxy, and Ultrafine Grout to Reconstruct Ancient Connections", <i>WJE & UNL</i>
10.45am	
11.15am	*George Morcoux "Assessment of An Insulated concrete form Building Using GPR", <i>UNL</i>
	Jinying Zhu "Air-coupled Nondestructive Evaluation Techniques for Concrete Infrastructure"
11.45am	<i>UNL</i>
	LUNCH & Presentation by Kristi Nohavec "KETV Burlington Station - From train station to television station" <i>Leo A Daly</i>
12.15pm	

Session IV. Break Out sessions

1.30pm	Break-out working sessions
	1) Monuments & Sites
	2) Masonry Arch Bridges
3.00pm	Reports on Sessions & Action Planning
4.15-5.00pm	Tour of Peter Kiewit Institute

Day 3: Friday, November 11

Session V. Education Needs & Plans for Joint Graduate Programs

7.30am	Breakfast
8.00am	Ece: Welcome Back & Announcements
8.15am	Daniel Oliveira , "SAHC Master's Course in Europe" , <i>University of Minho, Portugal</i>
	Sonia Feigenbaum , "UNL Education Abroad Office - Options for a Multi Institution Joint Graduate Program" , <i>University of Nebraska-Lincoln</i>
9.15am	
9.45am	Group discussion/workshop: Ideal Curriculum for an ARCHES Graduate Program
10.15am	Break
10.30am	Work Session & Action Planning
12.00pm	WORKING LUNCH
1.30pm	Workshop Ends

*These presentations' learning objectives are submitted for AIA credit