

2019 Annual Conference / June 27-28

Middlesex University

London

Schedule at a Glance

Free Tickets can be obtained from: Eventbrite
(<https://bit.ly/2WuwyIG>)

All events take place at Middlesex University Google Map link drive-shares-noreply@google.com

For up-to-date conference details use this google drive to obtain latest BIM4Heritage Conference Program (pdf):
drive-shares-noreply@google.com

BIM4Heritage

BIM4Heritage Annual Conference: Learning from the past to preserve the future.



The tragic events that happened at Notre-Dame Cathedral on the 15th April 2019 left the world in shock. Why did this happen? How could it occur? Could stakeholders have done more to prevent it?

This BIM4Heritage Conference will analyse the issue of digital asset management of heritage structures and, through lessons that might be learnt from this tragedy, what else might be done to help prevent it happening again. Digital technologies such as recording, documentation and Building Information Modelling (BIM) can all contribute important information on the fabric, components and spaces that make up a heritage structure as well as acting as a crisis management tool to support urgent interventions or reconstructions of such iconic monuments. The Conference will host a range of expert speakers and researchers to explore these themes and to showcase successful case studies, in order to learn from the past to preserve the future.

BIM4Heritage is a special interest group established within the BIM4Communities to champion Building Information Modelling (BIM) within the Historic Environment. The group is formed by various specialists, including those from within the AEC industry, Conservation, Heritage Organisations, Academic Departments and end-users. The purpose of the BIM4Heritage Group is to promote the learning, awareness and understanding of BIM within the conservation and heritage sector of the built environment, and to influence and integrate this with wider industry needs.

Thursday, June 27, 2019 / Day 1

Time	Session	Description
9:00		Registration / Reception
9:30	S101	Welcome Remarks, Noha Saleeb
9:40	S102	Introduction to the BIM4Heritage group, Edonis Jesus <ul style="list-style-type: none"> • Group background • Group objectives/ projects
10:00	S103	Centre for Digital Built Britain (CDBB), Fiona Moore
10:20	S104	Standards and Guidance / Q&A (chair: Gregory MacNeil) <ul style="list-style-type: none"> • BSI update on ISO 19650 (BSI), Paul Shillcock • Historic England guidance, Paul Bryan
11:10		Refreshment Break
11:40	S105	Case study presentations: Asset Owners / Q&A (chair: Edonis Jesus) <ul style="list-style-type: none"> • Henrik Schoenefeldt, UK Parliament (via Skype)
13:00		Lunch / Networking
14:00	S106	Operation & Maintenance / Q&A (chair: Paul Bryan) <ul style="list-style-type: none"> • BIM to FM, Alison Gentle • FM180, Steve Owen • Ecodomus, Stewart Macfarlane
15:10		Refreshment Break
15:40	S107	TBC Sponsor's presentation
16:00	S108	BIM for Asset MGMT & Conservation Panel Discussion <small>(asset owner speakers)</small> / Q&A (chair: N. Saleeb)
17:00 17:15	S109	Networking drinks with: Keynote (30 mins): Glasgow School of Art - fire - emergency response & disaster planning - DNA Structural Engineering - Dominic Echlin of David Narro Associates & John Brown, Page\Park Architects (chair: M. Partyka)

Friday, 28th of June 27 2019 / Day 2

Time	Session	Description
9:00		Registration / Reception
9:30	S201	Opening Remarks, Paul Bryan
9:45	S202	<p>Surveying Case Studies presentations / Q+A (chair: Danae Pocobelli)</p> <ul style="list-style-type: none"> • James Still, Point2Surveyors • Plowman Craven, speaker's name TBC
10:25	S204	<p>Architecture, Engineering and Construction (AEC) Case Studies / Q+A (chair: Catharine Dass)</p> <ul style="list-style-type: none"> • Andrew Dobson (Purcell) • Palace of Westminster: Digitising the Conservation Management Plan to inform key decision making, Gwyn Roberts
11:05		Refreshment Break
11:25	S205	<p>AEC Case Studies presentations / Q+A (chair: Tristan Randall)</p> <ul style="list-style-type: none"> • Jenna Johnston (Buttress) • Carl Brookes (Ramboll) • Dominic Echlin
12:25	S206	<p>International perspective on use of BIM for Heritage / Q&A (chair: Peter Cox)</p> <ul style="list-style-type: none"> • CANADA: Reproduction using BIM technologies in Canada, Gregory MacNeil • PORTUGAL (Pedro Vaz, Presidency of the Republic, Bárbara Massapina, University of Lisbon)
13:15		Lunch / Networking
14:15	S207	<p>Research / Q&A (chair: Paul Bryan)</p> <ul style="list-style-type: none"> • Research with Cairo University on creating a new Heritage classification system, Noha Saleeb • BIM Models from Monitoring and Simulation Data in Heritage Buildings, Danae Pocobelli • Building Condition Survey, Scott Mc Gibbon • Historic Digital Survey: Digital Technologies and Artificial Intelligence for Managing the Historic Built Environment, Enrique Valero Rodriguez
15:50		Refreshment Break
16:20	S208	BIM for Heritage modelling tools, Tristan Randall
16:40	S209	The benefits of digital technologies to the understanding of cultural heritage, Graham Bell (chair TBC)
17:00		<p>Panel Discussion: Future gazing – BIM4Heritage in an integrated setting / Q&A (chair: Edonis)</p> <ul style="list-style-type: none"> • Paul Surin (IBM) • Autodesk (Marek Suchocki) • Examples_ Peter Cox (ICOMOS) • Universities
17:30	S210	Closing Remarks, Edonis Jesus
17:40	S211	Thank you, Noha Saleeb

The vision of the **BIM4Heritage** Group is to provide a forum for organisations and industry professionals to share knowledge and lessons learnt on BIM applied to historic structures.

Organisations involved

The British Museum

RA Royal Academy of Arts

HOUSES OF PARLIAMENT

National Trust

Ministry of Justice

ICOMOS

Presidência da República

apm

Historic England

ENGLISH HERITAGE

OPW
Office of Public Works

HISTORIC ENVIRONMENT SCOTLAND

ÁRAINNEACHD EACHRAIDHEIL ALBA

IHBC
INSTITUTE OF HISTORIC BUILDING CONSERVATION

COUNCIL ON TRAINING IN ARCHITECTURAL CONSERVATION

Royal Albert Hall

burg hauptmannschaft österreich

BH

MOLA

AUTODESK

Plowman Craven

Buttress

lendlease

PURCELL

RAMBOLL

Donald Insall Associates
Chartered Architects and Historic Building Consultants

ARUP

Alan Baxter
INTEGRATED DESIGN

Dannatt Johnson Architects

MRDA
Architects and Conservation Consultants

PAGE \ PARK

Stanburys Ltd

Fraunhofer IGD

RIBA

CIFA
Chartered Institute for Archaeologists

CIOB
THE CHARTERED INSTITUTE OF BUILDING

CIAT

UEL
University of East London

Jerry MacNeil Architects

HERIOT WATT UNIVERSITY

University of Reading

Middlesex University

UCL

UNIVERSITY OF CAMBRIDGE