



1ST INTERNATIONAL VIRTUAL HERITAGE SCHOOL

virtual museums, communication and
digitisation



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Luca Bochicchio is an Italian art historian and critic who focuses his research on contemporary art and particularly on: the international diffusion of Italian sculpture between 800 and 900; the international avant-gards in Albissola Marina in the 20th century; animals in contemporary arts; museum and heritage; art, culture and society. After the Master in Art History (University of Genoa) and a summer school in Museology at the Ecole du Louvre, in 2011 he obtained a PhD in Arts, Theater and Multimedia Technologies. At the University of Genoa he works as a contract researcher for the Department of Arts (DIRAAS) and collaborates with AdAC Archives of Contemporary Art. As a researcher he has been carrying out studies in Italy and Argentina on the diffusion of Italian culture in Latin America in the early 20th century. Between 2006 and 2009 he cooperated in several projects research such as: the art awards in Northern Italy 1945-1960; the circulation of international models in Italian sculpture (800-900); futurism in Savona.

He has presented papers in international conferences in Italy, France and UK. Among the conferences organized at the University of Genoa between 2008 and 2012 are: *Animals in Art, Science and Phylosophy*; *Meeting the artist: Emilio Isgrò*; *Art and Electronic Media*; *Conservation of Contemporary Outdoor Ceramics*. He has published scientific essays in books, catalogues and in magazines such as *Tecnologie Didattiche* (CNR), *Anthropos & Iatria*, *Opuscula Musealia*, *Elephant & Castle*, *Forma*, *Ore Piccole*. He has also published critic articles in *Tk/Artkey*, *Juliet*, *Faenza*, *Ceramica Nuova*.

As a curator he has organized the solo exhibitions of Gillo Dorfles (Albissola Marina 2012), Franz Stähler (Monte-Carlo 2010) and Rebecca Ballestra (Paris 2010), the historical exhibition *Savona Futurista* (Savona 2009 with Franco Sborgi e Leo Lecci), the Italian section of the exhibition *P.S. Zena* (Olten, Switzerland 2008) and the visual art section in the Theater Festival *Filo d'Arianna* (Belluno 2006-2009). Between 2005 and 2009 he was curator at the non-profit art gallery *Galleria Studio44* (Genova).

Currently he is working on the development project for the Museo Diffuso d'Arte Contemporanea (Open-Air Contemporary Art Museum), soon to be opened in Albissola Marina (Savona, Italy).



Mascha Bom studied Museology at the Reinwardt Academie in Amsterdam and has a master's degree in Cultural Mediation in Museums (Master Universitario di II livello in Mediazione culturale nei musei – Università degli Studi Roma Tre) coordinated by Prof. Emma Nardi (ICOM-CECA). Since 1996 she acquired an eclectic experience in various areas of the European heritage sector by participating in archaeological excavations in the UK and in Belgium and working in several museums in the Netherlands and Italy (from the Natuurhistorisch Museum in Rotterdam till the Peggy Guggenheim Collection in Venice) as well 'backstage' as with the public. She collaborates with Cultural Association Sottosopra di Roma and the artists Olga Macaluso and Silvio Benedetto organising and producing a broad range of artistic and cultural 'products' (artistic laboratories, cultural events etc.). Working in a creative way with interesting content (i.e. museum-objects, cultural heritage) and new technologies she creates educational multimedia products (inter alia flipbooks) for museums and other cultural institutions; e.g. an educational software for children about the daily life of a little boy who lived in Sicily during the Castellucian period in the Early Bronze Age. Mascha directed both the creative and technical part of the book 'La pinacoteca teatrale' of the well known Florentine theatre company 'Compagnia Verdastro della Monica'. This book, which was published in 2010 by Titivillus Mostre Editoria (a widely known theatre specialised publisher), was entirely made with the open source software Scribus. Mascha was co-organiser and responsible of the activities in the Netherlands for the European Youth Program project 'Digging for historical truths' in 2006/2007. This project, organised by the Foundation of the Hellenic World, aimed to exchange knowledge and experiences between young cultural heritage professionals in the field of cultural heritage education and the use of new innovative technologies. Mascha is now working on a European research project regarding the realisation of learning paths for elderly and disabled visitors in various Museums in Rome and the Veneto region. Meanwhile she is working with cultural institutions from Portugal, the Netherlands and Italy on a European project proposal regarding multimedia & interactive technology and the museum experience of the Learner.



Francine Clément has studied Psychology and Film Production before completing a Masters degree in Museum Studies at University of Montreal, doing her professional internships in Wales and France to specialise in conservation of textiles and paintings. She has worked in Canadian museums in the conservation field, first in Montreal at the Cinémathèque québécoise, where she participated in the conservation and documentation of the non film collections, then at the National Gallery of Canada, in Ottawa, where she was associate-registrar for the Prints and Drawings collection. Since 2007, she teaches preventive conservation and documentation at Collège Montmorency in Laval (Québec), where she also explores use of new technologies with her students of the Multimedia and Museums classes; she has done projects using ICT for intangible heritage and for online and *in situ* exhibitions. She writes about digital culture and museums for the online magazine Thot Cursus. She lives in Montreal with her husband and two children.



Yalew Regassa Debela was born in Addis Ababa City and educated at Addis Ababa University, Technology Faculty, Department of Architecture and Town Planning. As an Architect with Christian back ground have strong wish to serve human beings. Dealing and working on reality to address an issue. Doing architectural design based on the will and perception of the owner and work with all skilled men (Masons, Carpenter, plasterer, craftsmen,...) to realize it. With families design and implement the house traditional furniture crafts. Besides these participating on the church activities of the Social (song service on Wedding, support on funeral, facilitating/ up-keeping of needy and sick persons,) on the Technical matters (Conservation and management of Historic churches, Design and supervision of new churches trying to combine/integrate with sustainable development of schools depending on the capacity of the church community, member of parish council for the administrative issues and capacity building). In all these process very many interesting and joyful time and desperate moments has passed. Almost all projects are doing well and some are even successfully completed. To find reality also involved on community based development activities. i.e. Environment, Community, and Tourism Sustainable Developments. On the village become member of saving and credit association and working as head of social affairs to find solutions for sustainable community development especially on housing development as this is the core problem in the Neighborhood which is also the environment and Economic Situation. Now the issue of sustainability is our World reality on which fully involved by doing research on Sustainable School collaborative (for St. Raguel K-12 School), Sustainable Architecture for Green Economy (for Association of Ethiopian Architect); managing Sustainable tourism project and participating on training addressing the challenge of deploying digital technologies in heritage field to use it on planning of resource locality, environmental issues and digital preservation of cultural and Environmental Heritages. To continue Sustainability for reality besides the church participation become member in Association of Ethiopian Architects (AEA), Institute of Ethiopian Study (IES), Kistane Gurage Peoples Development Association (KGPDA) and Ethiopian Cultural Heritage Organization for Development (Ech-O), and International Eco-Tourism. On the LinkedIn web site: Intercultural exchange on the culture and New Technologies issues with International scholars of different background.



Emanuele Di Rosa, PhD, is currently senior software engineer and researcher at ETT s.r.l. where he leads a team of software developers that works in the field of the new interactive multimedia technologies and applied research. In 2005 he has been awarded by Confindustria with the "Targa junior" award in the 2^a ed. of the "Perotto Prize" as best software project in Liguria in the under 30 category. In 2007 he received a Master Degree in Computer Science and Engineering from the University of Genoa with grade 110/110 cum laude. He was visiting researcher at the Cork Constraint Research Centre (University College Cork, Ireland) from August to November 2009 and he worked with prof. Barry O'Sullivan. He received a PhD in april 2011 from the doctoral school of "Science and Technology for Information and Knowledge" of the University of Genoa. His research interests focus on artificial intelligence and software engineering. He is author and co-author of twelve international peer-reviewed articles published on conference/workshop/doctoral consortium proceedings and journals.



My name is Dr. **Osama El Nahas**, I'm the Director General of the Department of Repatriation of Antiquities and International Organizations, in the Ministry of state for Antiquities- Egypt. I'm the responsible for the WHS in Egypt. I work as a lecturer of Maritime Archaeology in Alexandria Center for maritime archaeology. I have been involved in maritime and underwater archaeology since the early nineties. I obtained MA and PhD degrees in Maritime Archaeology from Catholic University of Leuven, Belgium in 2000 and 2009. I contributed to and conducted several maritime and underwater archaeological projects that took place in Egypt, including the Pharos Project, Eastern Harbour of Alexandria, the underwater survey at Mammoura bay, the underwater excavations in the site of Napoleon's sunken fleet in Abu-Kir, the sunken cities of Herackleon and menotis in Abu-kir, the Sadana Island Shipwreck Excavation, and the underwater survey in El Anfoushi Bay. I have also participated in several archaeological and architectural projects and courses in England, Greece and Finland. I also actively participated in numerous archaeological conferences in Egypt, Belgium, Greece, Japan, China, Libya, Bahrain, and Paris. I'm also the Coordinator of the Project of establishing Underwater Heritage centre in Egypt as well as a regional centre for Cultural Heritage.



Anders Gutehall

I am an underwater archaeologist, graphic producer and illustrator, interested in methods and flows for documenting and publishing archaeological results. I have recently started to explore 3D documentation in archaeology, both as a documenting tool and as a way to visualize results from excavations. I have a Master Degree in Archaeology with focus on North European prehistory, underwater archaeology and documentation technique from the University of Gothenburg, a Technical College Grade in mechanical engineering with computer science, and a Swedish Scientific Diver certificate. I work as an archaeologist at Sydsvensk Arkeologi in Malmö, and for the last 16 years have I worked with archaeology in general (mostly rescue excavations on land and under water) and with archeological documentation in particular for museums in Sweden and Denmark. I have also worked as a technical editor at a publishing company and with graphic/web production and technical illustrations as freelance.



Theofanis Karafotias

Occupation: Conservation of Antiquities and Works of Art - Heritage Management
Current Job: Ministry of Education and Religious Affairs, Culture and Sports - Greece
General Secretary of Culture
Directorate of Conservation of Ancient and Modern Monuments
Managing and monitoring restoration projects co-funded by the European Union (NSFR: National Strategic Reference Framework 2007 – 2013). Supervising conservation and restoration projects. Implementation of conservation studies for wall paintings and paintings on wood, including recording and documentation, investigation of the preservation state and proposals of restoration interventions in Prehistoric, Roman, Byzantine and Post-Byzantine monuments in Greece.
Studies:
1. Technological Educational Institute of Athens
Faculty of Fine Arts and Design
Department of Antiquities and Works of Art Conservation
2. Hellenic Open University
Postgraduate course: “Administration of Cultural Organizations MSc”
Currently studying:
1. University of Kent - Athens University of Economics and Business
MA in Heritage Management
2. Athens University of Economics and Business
Marketing & Communication



My name is **Alexia Kolosova**. I am Russian-Cypriot, born and raised in Cyprus. I studied Computer Science at the University of Cyprus and I'm currently attending my Master's Degree there as well. My fields of interest are Graphics and Computer Vision. I currently work as an intern at the STARC department of the Cyprus Institute. I work on the Carare project for the digitization of the cultural heritage of Cyprus. My general interests are mainly reading, studying about different cultures, learning new languages, photographing, sports and arts. My goal is to become an expert in the field of Computer Vision, by learning and applying the available 3d reconstruction and visualization techniques.



Currently **Panayiotis Kyriakou** is working at the Science and Technology in Archaeology Research Center (STARC) of The Cyprus Institute which is devoted to the development, introduction and use of advanced science and technologies in the field of archaeology, cultural heritage and history of the region. He has studied at the Computer Engineering and Informatics department of the University of Patras (2001-2006) with degree thesis: “Web-based Intelligent Tutoring System of Computer Systems Evaluation Techniques”. Later he continued his master studies in Computer Science and Engineering at the same university that led to the thesis: “A web-based graphical tool for managing domain knowledge in an Intelligent Tutoring System”. At the same time he worked at the RA CTI (Research Academic Computer Technology Institute) as a graduate student at the e-Learning Sector (<http://tel.cti.gr>). His professional experience includes design and development of digital educational material, web development, technical support and research. His research interests include computer graphics, e-learning, HCI, cultural heritage and digital arts and his personal interests include painting, photography and cinematography. His dream is to use the combination of the magic of art with the practical use of information to increase the interest in arts, creative expression and cultural activities.



Diego Liberati is Research Director for Information, Control and Biomedical Engineering, and member of the Board, within the Institute for Electronics, Information and Communications Engineering of the Italian National Research Council at the Electronics and Information Department of the Milano Institute of Technology. Secretary of the Biomedical Engineering Society of the Italian Electrical and Electronic Engineering Association (and Milano prize laureate in 1987) and member of the Technical Committee on Control Design of the International Federation of Automatic Control, with particular emphasis on neural control, he has chaired the Scientific Committee for the Conferences on Information and Control Technologies in Health Systems sponsored by the Italian Control Association and has been a technological transfer expert with the Milano Chamber of Commerce. Visiting scientist at Rockefeller University, New

	<p>York University, University of California and International Computer Science Institute, he has directed joint projects granted by both private (e.g. Hewlett Packard on artificial neural networks in industrial processes monitoring) and public (e.g. European Union on non-linear analysis of brain plasticity) institutions. Having taught signal processing, mathematical modeling, microelectronics, lab instrumentation and control theory in European Universities, he has also mentored dozens of pupils toward and beyond their doctorate. His main scientific interests in Information and Communication Technologies for life are related to measurement analysis, model identification and synthesis of emulations in natural and artificial complex systems, whose scientific and ethical aspects involving the human beings he loves to discuss in his papers.</p>
	<p>Anna Maria Marras 2011-2013 Office worker at <i>Soprintendenza per i beni archeologici delle Province di Cagliari e Oristano</i> 2010- at present consultant at <i>Soprintendenza per i beni librari, archivistici e archeologici della Provincia di Trento</i>. 2010-2011 Erasmus Mundus Post-doc fellow at Mongolian University of Social Science and Technology 2010 PhD thesis "Topography and Topothésia, diachronic dialogue on a rural area in the Upper Tell Tunisian between geography and archeology" to Joint Graduate School of University of Siena and Trento "The cultures of the Roman Province: interaction Euro-Mediterranean". 2008 Master degree in Geo-Engineering for archeology of University of Siena discussing the thesis "The Academy of Villa Adriana: reinterpretation of historical plants through investigation geoelectric". 2006 Bachelor of Arts with address archaeological University of Trento "Epigraphy and landscape, interpretation of the rural context of the city of Dougga through the epigraphic material" with the creation to a WebGIS platform about epigraphic context.</p>
	<p>Dr. Glen Muschio is a media producer/anthropologist who has produced corporate and educational media since 1983. Glen is an Associate Professor in Digital Media at Drexel University. He is the founding director of the Digital Media Undergraduate and Graduate Programs and served in capacities as Program Director and Graduate Program Director from September 1998 to January 2010. In 2005 he launched "3D Colonial Philadelphia," a digital cultural heritage project with the goal of producing 3D interactive media for studying and teaching the American colonial experience. The project has received University and local, as well as, National Science Foundation funding. In 2010 he expanded the project to explore new media uses in digital cultural heritage study and exhibition. Glen has presented recent papers on the subject at the 39th Annual Conference of Computer Applications and Quantitative Methods in Archaeology, Beijing, China 2011, Society of Historical Archaeology's 2011 Conference on Historical and Underwater Archaeology, Austin, Texas, The 15th Conference on Cultural Heritage and New Technologies, 2010 Vienna, Austria and the IEEE Workshop on Applications of Computer Vision in Archaeology (ACVA) held in conjunction with IEEE CVPR 2010, San Francisco, California.</p>
	<p>Titilayo Olukole - EDUCATIONAL BACKGROUND 1. University of Ibadan (Nigeria) P.hD (Cultural Resource Management). In view 2. University of Ibadan (Nigeria) M.Phil (Cultural Resource Management). 2010 3. International Institute for Geo-Information Sc. and Earth Observation, Enschede (Netherlands). Certificate (Geo-Information Science). 2009 4. University of Ibadan (Nigeria) M.A. (Cultural Resource Management). 2006 5. University of Ibadan (Nigeria). B.A. (Archaeology). 2000</p> <p>- WORK EXPERIENCE 1. Lecturing, 2006 to Date Department of Transport and Tourism Studies, College of Management Sciences, Redeemer's University, Mowe, Ogun State, Nigeria. Current Position: Lecturer I RESEARCH INTEREST: Geographical Information Systems/Computer Applications in Cultural Heritage conservation and Tourism</p> <p>2. Scholarship and Awards - Getty Conference Grant, 2011. - The Netherlands Fellowship Programme (NUFFIC) Scholar, 2009.</p> <p>3. Membership of Professional Body - Member, Society for Africanist Archaeologists (SAFA). - Member, International Academy of African Business Development (IAABD). - Member, Forum United Nations Educational, Scientific and Cultural Organisation (UNESCO) University and Heritage.</p> <p>RECENT PUBLICATIONS: 1. Olukole T.O. (2011). Mentoring in Tourism: An Evaluation. In: Olowu A.A. (ed) Mentoring: A key issue in Human Resource Management. Ife Psychological Studies. 271 - 276</p>

	<p>2. Olukole T.O. and Balogun E. (2011). Geographical Information Systems Database Of Cultural Heritage Resources Of Osogbo And Their Tourism Potential. Conference Proceedings of the IX International Forum Le Vie de Mercanti, Capri, Italy. 1-7.</p> <p>3. Olukole T.O. (2010). Cultural Heritage Tourism Resources of the New Oyo Empire, Southwestern Nigeria. Prospects for Sustainability. Africa Diaspora Archaeology Network, December Edition, pp 1-11.</p> <p>4. Olukole T.O. (2009).GIS database and Wildlife-Based tourism: The case of University of Ibadan Zoo, Nigeria. Journal of Tourism Recreation Research India. 34 (2) 213 – 217.</p>
	<p>Cettina Santagati In 1997 she graduated in Building Engineering with the highest grade at University of Catania. Since 1999 she collaborates as assistant to architectural drawing classes of Building Engineering and Architecture at Faculty of Engineering at University of Catania; from the same year she collaborates to the research's activities of the Laboratory of Architectural Photogrammetry and Survey "Luigi Andreozzi" of University of Catania. In 2003 she received her PhD degree in "Drawing and Survey of building heritage" from the University of Rome "La Sapienza". From 2003 to 2010 she is lecturer at Faculty of Engineering and at the Faculty of Mathematics, Physics and Nature of the University of Catania. From 2008 to 2010 she is lecturer at Faculty of Architecture and Engineering of University Kore of Enna. In the 2012-2013 academic year she is lecturer at Faculty of Architecture (Univeristy of Catania, site Syracuse) and at Faculty of Engineering (University of Catania). From 2010 to 2011 she wins a post PhD research grant titled "Analysis and experimentation of innovative methodologies aimed at the knowledge and the representation of architectural, archaeological and environmental assets for their conservation and enhancement" at Faculty of Engineering of University of Catania. Her research focuses on: Architectural and archaeological survey through integrated and current methods aimed at the knowledge, representation and preservation of built heritage; Graphical analysis of architecture; Survey of historic urban fabric and studies of historical and present maps; CAD and Descriptive Geometry. Since 2012 she is member of the editorial board and reviewer of different international Journals. Since July 2012 she is the head of the Section "Innovative technologies for surveying and 3D reconstruction" of the Department of Communication, Interactive Graphics and Augmented Reality of IEMEST (Euro_Mediterranean Institute of Science and Technology), Palermo. She is author and co-author of 60 scientific publications (books, book chapters, article in Journals and International proceedings) for the most part presented at International Conferences.</p>
	<p>Michael Teichmann studied Classical Archaeology at the University of Vienna (Austria) and as an Erasmus exchange student at the „La Sapienza“ University at Rome (Italy). After graduating at the University of Vienna, he attended a MA course on Landscape Archaeology, GIS and Virtual Environments at the University of Birmingham (UK). Since 2008 he is a PhD student within the interdisciplinary Graduate School "Human Development in Landscapes" at the University of Kiel (Germany) working on Landscape Archaeology in Roman Central Italy. In 2011 he spent one semester as a Visiting Fellow at the Digital Institute for Archaeology at the University of Arkansas/ Fayetteville (USA). He is currently employed at the German Archaeological Institute/ Rome department, working for the archaeological bibliography of the Institute.</p>
	<p>Sonam Tobgay EDUCATION • Master Degree in Buddhist Philosophy Sampurnanand Sanskrit University, Varanasi, Uttar Pradesh, India (2002 – 2004) • Bachelor Degree in Buddhist Philosophy Sampurnanand Sanskrit University, Varanasi (1999-2002) • Diploma in Sanskrit Education Sampurnanand Sanskrit University, Varanasi (1996-1999) EMPLOYMENT HISTORY • Research & Media Division, National Library & Archives of Bhutan, Department of Culture, February 2006 till date: officially appointed as Research Officer for the Library CURRENT RESPONSIBILITES & DUTIES • Coordinator for UNESCO funded Training Workshop on Implementing the 2003 Convention for the Safeguarding of the Intangible Cultural Heritage in Bhutan. • Conducting of literary survey in different places, including the remotest parts of the country • Digitization of rare and ancient texts/documents found from the survey. • Project Manager for the Intangible Cultural Heritage Project, "Development of National Inventory System of Intangible Cultural Heritage in Bhutan". • Organizing and conducting Intangible Cultural Heritage Curriculum Vitae – Sonam Tobgay [2] related workshops at the community and National Level. • Organizing, coordinating and carrying out Intangible Cultural Heritage field survey/research in Bhutan. • Expert Committee Member (Member Secretary) for Intangible Cultural Heritage Committee. • Expert Committee Member of the 'Preserving and Leveraging Bhutan's Unique Cultural Diversity Project'. An EU/Helvetas Project. • Member of the Training Needs Analysis (TNA) committee for craft sector, Ministry of Labor and Human Resource, Bhutan.</p>



Valentina Vassallo has a M.A. in Conservation of Cultural Heritage (specialization in Classical Archaeology and thesis in Ancient Topography with title: Contributions to the Archaeological Map of Anzio (Rome), awarded by the University of La Tuscia (Viterbo) and an European M.A. in Conservation and Management of Cultural Heritage (thesis title: Marketing and Management of Cultural Heritage: Empuries, a case of study) awarded by the University of Cassino (Italy) in partnership with University of Siena (Italy), University of Venice (Italy), University of Caen (France) and University of Salamanca (Spain). She attended various courses of specialization: the 1st Specialized School of Interactive Graphics of Cineca, Italy; the specialization course on Preventive Conservation and Monitoring of the Architectural Heritage, at Mission Val de Loire (France) and Raymond Lemaire International Centre for Conservation at Katholieke Universiteit Leuven (Belgium); the Narnia Project training course about the geology of Cyprus at the Archaeological Research Unit of the University of Cyprus in collaboration with the Department of Geological Survey of Cyprus. After the working experience as professional archaeologist (excavations, analysis, digital documentation and survey) for private companies and public institutions (Superintendency for Archaeological Heritage of Rome and Archaeological Superintendency of Lazio), Valentina worked as fellow researcher at the Institute of Technologies Applied to Cultural Heritage of the National Research Council (Rome, Italy) dealing with reconstruction of ancient landscapes and archaeological monuments with Virtual Reality systems. She currently works as research assistant in Digital Heritage at the Science and Technology in Archaeology Research Center of the Cyprus Institute dealing with Digital Libraries projects. Valentina has teaching experiences and published papers in national and international conferences and participated to the editing of a few monographies.



Valeria Vitale. After my degree in Science of Communication in 2004, I have worked in the use of digital technologies to enhance public engagement, specifically looking at the younger audiences. I have designed and developed digital multimedia teaching supports that have been used successfully within the educational programmes of theatres, museums and cultural institutions. I was particularly interested in exploring the combined use of digital technologies and narrative techniques to create more stimulating and interactive tools to discover and study complex objects. In September 2012 I completed a Masters in Digital Humanities at King's College London. During my studies, I became interested in the potentialities of 3D visualisation as a communicative tool to enhance visitor's experience in both archaeological sites and museums and as a virtual informative connection between the two. I have chosen the Temple of Isis in Pompeii and its frescoes exhibited in the Museo Archeologico Nazionale of Naples as a case study for my dissertation and I have developed a digital unification in the scholarly framework prescribed by the London Charter. Currently, I am doing an internship with the King's Visualisation Lab funded by the V-MUST programme. My project aims to be both a methodological and practical reflection on how digital products and virtual museums can be actually used by the audience, meeting their needs and improving their cultural encounters with the ancient artefacts. In 2013 I will start a PhD programme involving King's College London's Department of Digital Humanities and Royal Holloway University of London's Department of Classics. My doctoral research pursues a more challenging concept of 3D digital visualisation: from photorealistic visual aid to multivocal environment to study and communicate cultural heritage.



Mohamad Izani Zainal Abidin

Dr Izani is Academic Visitor in Architecture/Digital Heritage at School of Architecture, University of Strathclyde, United Kingdom. He holds a PhD in Architecture focusing on digital heritage and 3D modelling of historical architectural heritage. Dr Izani has formal education in a multidisciplinary area (3D Animation, Architecture, 3D modelling and Multimedia). Being trained as an architect, he has a very strong architectural skill in traditional art and drawing. He has in the past worked as a lecturer in Malaysia for 7 years and 5 years in Scotland in the area of digital heritage for his Phd and research. He is actively involved in research publications and has received numerous research grants.

His research areas include computer animation, 3D heritage & visualisation and architectural rendering. Dr Izani is a member of the British Science Society and ACM . He is currently extending a research on photorealistic rendering and animation of A Famosa fortress in Malaysia.