

AU AFRICA AGENDA - DAY 1

TIMING	ROOM	AU AFRICA AGENDA - DAY 1							
08:00 - 10:00	Expo	Registration, Expo Area, Light Breakfast Snacks							
10:15	Main Stage	The Future of Making - Walter Dopplmair, Autodesk							
10:35	Main Stage	Future of Design and Manufacturing - Karl Osti, Autodesk							
10:50	Main Stage	Future of Architecture, Engineering and Construction - Lynelle Cameron, Autodesk							
11:05	Main Stage	AFRI.CAN - German Bodenbender, Boogertman & Partners							
11:20	Main Stage	Keynote Wrap & Highlights - Susan Moremi, Autodesk							
11:30	COFFEE BREAK								
		Track 1 Ivory Auditorium	Track 2 Ebony Auditorium	Track 3 Aquamarine	Track 4 Vermillion	Track 5 Graphite	Track 6 Ultramarine	HP Hands-on Lab Indigo 1	Dell Hands-on Lab Indigo 2
12:00	Class 1	Practical BIM Co-ordination - A Live case study on a fast track project - Jessica Baisley, Capex Projects	Design Collaboration with BIM 360 - Sorin Bularca, Autodesk	Common Data Platform with BIM 360 Document Management - Vijay Raina, Autodesk	The Future is here. Introduction to Autodesk Forge - Ahmad Khairat, Autodesk	Inventor Deep Dive 1 - Lars Nystrom, Autodesk	Autodesk Transportation Solutions: Roads & Bridges - Shuaib Yunos, Baker Baynes	Dynamo 2.0 for Beginners - Machiel Odendaal, Modena Design Centres	Getting started on Simulation CFD - Imraan Lambat, Metix
13:00	LUNCH								
14:00	Class 2	BIM 360 Next Generation Overview - Vijay Raina, Autodesk	Incorporating Virtual Reality - Kevin Jacobs, GO Holistic Engineering	The "bending" potential of AutoCAD Civil 3D - Stephanie Lee, Jones & Wagener	Interactive and VR presentations for Visualization with 3ds Max - Alex Horst, Autodesk	Inventor Deep Dive 2 - Lars Nystrom, Autodesk	Delivering the outputs you require in BIM - Vaughan Harris, BIM Institute		
15:00	Class 3	Office to site and back - Niyazi Kemer, Autodesk	Autodesk Recap tips and tricks - Modeling in Revit from Scan data - Mitchell Parsonage, Modena Design Centres	Autodesk solutions for Rail design - Mohammad Abou Assali, Autodesk	Unleash the power of Arnold and 3ds Max for Product Design Visualization - Alex Horst, Autodesk	Factory in Process Layout - Frederic Sinfort, Autodesk	BIM for SMME's - Leon Van Rensburg, Prokon & Conrad Badenhorst, PBE Consulting Structural and Civil Engineers	Autodesk Dynamo For Revit - Hands on Parametricism for Parametricists - Dane Chapman, BIMGAMES	Design to Manufacture for Sheetmetal in Inventor - Carl Van Rooyen, Micrographics
16:00	COFFEE BREAK								
16:30	Class 4	The AEC Collection for Contractors CAD to BIM - Ahmad Khairat, Autodesk	Design Workflow from Concept to Construction Documents - Jani Viljoen, Baker Baynes & Karabo Mokaba + Sydney Lefifi, LEMEG Architects	New approach to bridge design using the AEC Collection - Vincent Fredon, Autodesk	3D Printing: The Catalyst for the Fourth Industrial Revolution - Jamie Gwilliam, AMD	Industry 4.0 Digitalization of Factories - Frederic Sinfort, Autodesk	Standards A Continuing Journey of Best Practices - Daneel Ballaram, Baker Baynes		
17:30	CLOSE								

AU AFRICA AGENDA - DAY 2

TIMING	ROOM	AU AFRICA AGENDA - DAY 2							
08:00 - 09:00	Expo	Registration, Expo Area, Light Breakfast Snacks							
		Track 1 Ivory Auditorium	Track 2 Ebony Auditorium	Track 3 Aquamarine	Track 4 Vermillion	Track 5 Graphite	Track 6 Ultramarine	HP Hands-on Lab Indigo 1	Dell Hands-on Lab Indigo 2
09:00	Class 5	Steel Fabrication Workflows - Sorin Bularca, Autodesk	Forge: 5D BIM-based take-off and estimating - Evelio De Abreu & Tony Cornwall, Construction Computer Software	Supporting the full lifecycle by integrating detailed BIM into a holistic GIS - Alber Verster, Esri South Africa	Building Animated Models in AutoCAD & Revit for use in Interactive Presentations - Dane Chapman, BIMGAMES	An introduction to Virtual Reality in Design and Manufacturing - Lars Nystrom, Autodesk	DATA is the New Fuel - Bill Rice, inisys Africa	BIM 360 Docs hands-on - Niyazi Kemer and Vijay Raina, Autodesk	Factory layout introduction hands-on - Frederic Sinfort, Autodesk
10:00	COFFEE BREAK								
10:30	Class 6	Bad Boy BIM - Dino Kapic, Modena Design Centres	Don't just Size - Parameterize - Jo-Ann Hogan & Ane Barnes, Modena Design Centres	More - Better - Less: Plug-ins and Tools for Civil 3D - Peter Webb, Technocad	Pieces of the puzzle. Forge APIs and Services - Ahmad Khairat, Autodesk	Optimising Manufacturing Workflows with Vault - Adrian Patterson, Micrographics	Are you BIM ready? - Learning BIM on the Job - Janine Strachan, DSA Architects		
11:30	Class 7	BIM PANEL - Vijay Raina, Autodesk - Craig Howie, AECOM - German Bodenbender, Boogertman & Partners - Mark King, Leica - Riaan Brits, Peri - Sydney Lefifi, LEMEG and Ross Wallach, Engineer	Efficient Electrical Design in Revit - Gary Mansfield & Patrick Addington, CKR Consulting Engineers	Cloud enabled collaboration in Infrastructure projects - Vincent Fredon, Autodesk	AutoCAD and General Design - David Ngandu, Advanced Design Systems	Need for Speed: Inventor Tips and Tricks - Daneel Ballaram, Baker Baynes	Navisworks vs. BIM 360 Glue - Jessica Baisley, Capex Projects	Advance Steel hands-on - Sorin Bularca, Autodesk	4-Axis Machining techniques with Fusion 360 - Abdelmadjid Siab, Ideate Technologies
12:30	LUNCH								
13:30	Class 8	Forge: 5D BIM-based take-off and estimating - Evelio De Abreu & Tony Cornwall, Construction Computer Software	Common Data Platform with BIM 360 Document Management - Vijay Raina, Autodesk	Mobility Simulations in Airports & Train Stations using InfraWorks - Mohammad Abou Assali, Autodesk	The Adjacent Possible - Claire Janisch, BiomimicrySA	Nastran In-CAD Advanced Simulation - Frederic Sinfort, Autodesk	Fusing BIM - Dario Mariuzzi, Modena Design Centres		
14:30	Class 9	Leica BLK360 & Autodesk Recap, a revolution in 3D reality capture - Mark King, Leica and Vijay Raina, Autodesk	Revit MEP - Dino Kapic, Modena Design Centres	The Magic of Integrated Autodesk and Topcon solutions - Christopher Byren, Topcon	High-end Visual Effects and Animation Pipelines in Maya - Tiaan Franken, Chocolate Tribe	Airing Dirty Laundry - Cleaning and Loading Your Data to Vault - Daneel Ballaram, Baker Baynes & Geoffrey Harty, Petrichor Concepts	BIM Data Mining: The difference between Project Management and Project Intelligence - Andre Minnie, Kode Digital Engineering Studio (Pty) Ltd	USING BIM IN THE RETAIL DESIGN SPACE - Daniel Lategan, Foschini Retail Group	Forge - Ahmad Khairat, Autodesk
15:30	COFFEE BREAK								
16:00	Class 10	Clash, clash, clash, and Dynamo... got it!! - Gary Mansfield and Drishan Naidoo, CKR Consulting Engineers	MEP Workflows 2: Design to Fabrication - Vijay Raina, Autodesk	Infraworks - Think outside the Box - Mohammad Abou Assali, Autodesk	Generative Design - Sorin Bularca, Autodesk	iLogic: If this...Then that...Now what??... Configurator 360!! - Aldred Boyd, Micrographics	Cloud Security - Neil Brooker, Autodesk		

17:00 - 17:15 CLOSING