

Joint Conference CIB W78 - LDAC 2021
11-15 October 2021
Provisional Programme
(Time schedule in CEST hours)

LDAC @ LIST Belval		CIB W78 @ Abbaye Neumünster Luxembourg										
J1 - 11/10/2021 Belval	J2 - 12/10/2021 Belval	J1 - 13/10/2021			J2 - 14/10/2021				J3 - 15/10/2021			
	8.30 - Registration and welcome coffee	8.30 - Registration and welcome coffee (Foyer d'accueil)										
	Bâtiment Administratif	Room José Ensch			8.15-8.45 - W78 Committee meeting [Chapelle]				09.00 - Room José Ensch	09.00 - Room Edmond Dune	09.00 - Chapelle	09.00 - Room A16
	9.00-10.00 - Keynote speech - Edward Curry, LDAC Keynote (O)	9.00 - Opening session 09.00 - Welcome words by Sylvain Kubicki, Conference Chair, Luxembourg Institute of Science and Technology (P) Jakob Beetz, Professor, RWTH Aachen University (O) Yacine Rezgui, Cardiff University (P) Alain Zarli, European Construction Technology Platform and R2M Solution (P) 09.15 - LIST Welcome - Thomas Kallstenius, CEO, Luxembourg Institute of Science and Technology, Luxembourg (P)			09.00 - Keynote speeches - 09.00 - Dr. Tamer El-Diraby, Univ Toronto (P) (35 min. + 10 min. Q/A) (P) - 09.45 - Prof. Dr. Abdul Samad (Sami) Kazi, VTT (O) (35 min. + 10 min. Q/A) (O)				Session 10 - Energy - 09.00 - Talk 59 - 83 (O) - 09.15 - Talk 60 - 148 (P) - 09.30 - Talk 61 - 153 (O) - 09.45 - Talk 62 - 94 (P)	Session 11 - Blockchain applications - 09.00 - Talk 63 - 50 (O) - 09.15 - Talk 64 - 68 (O) - 09.30 - Talk 65 - 102 (O) - 09.45 - Talk 66 - 21 (O)	Automated Code Compliance Checking (A3XC) – Approaches and Applications Session 3/4 Challenges and opportunities in code checking 09.45 - Talk - 62 (O)	CBIM Doctoral School
	10-10h30 - Coffee break	10.15 - Coffee break			10.30 - Coffee break				10.00 - Coffee break			
	10.30-12.30 - LDAC Plenary 3	10.45 - Manos Argyris (P) 11.15 - James O'Donnell (P) 11.30 - Hervé Pruvost (P)	Session 1 - Digital Twins - 10.45 - Talk 1 - 137 (O) - 11.00 - Talk 2 - 97 (P) - 11.15 - Talk 3 - 69 (O) - 11.45 - Talk 4 - 173 (O) - 12.00 - Talk 5 - 204 (O) - 12.15 - Talk 7 - 47 - (O)	Session 2 - Environment and circular economy - 10.45 - Talk 8 - 198 (O) - 11.00 - Talk 9 - 74 (P) - 11.15 - Talk 10 - 96 (O) - 11.30 - Talk 11 - 101 (O) - 11.45 - Talk 12 - 169 (O) - 12.00 - Talk 13 - 124 (O) - 12.15 - Talk 14 - 133 (O)	ECTP Workshop (organized by EU funded projects consortia) Linking EU H2020 projects on digitization in the construction and maintenance industry: Linked Data and ontologies for BIM and Building Digital Twins	Session 7 - Robotics in Construction/Site surveillance - 11.00 - Talk 39 - 40 (P) - 11.15 - Talk 40 - 183 (P) - 11.30 - Talk 41 - 48 (O) - 11.45 - Talk 42 - 81 (O) - 12.00 - Talk 43 - 201 (O) - 12.15 - Talk 44 - 98 (P)	ECTP Workshop (organized by EU-funded projects consortia) BIM Skills	CBIM Doctoral School	Session 12 - Semantics and Linked Data - 10.30 - Talk 67 - 179 (P) - 10.45 - Talk 68 - 194 (O) - 11.00 - Talk 69 - 54 (P) - 11.15 - Talk 70 - 191 (O) - 11.30 - Talk 71 - 189 (P) - 11.45 - Talk 72 - 79 (O) 12.00 - Talk 73 - 209 (P)	Session 13 - Digitalisation of processes - 10.30 - Talk 74 - 118 (O) - 10.45 - Talk 75 - 125 (P) - 11.00 - Talk 76 - 128 (O) - 11.15 - Talk 77 - 53 (P) - 11.30 - Talk 78 - 138 (O) - 11.45 - Talk 79 - 202 (O)	Automated Code Compliance Checking (A3XC) – Approaches and Applications Session 4/4 Interdisciplinary gaps and links in performance-based design	CBIM Doctoral School
	13.00 - Registration	12.30 - Lunch										
	Bâtiment Administratif	13.45 - Chapelle	13.45 - Room José Ensch	13.45 - Room Edmond Dune	13.30 - Room José Ensch	13.30 - Room Edmond Dune	13.30 - Chapelle	13.30 - Room A16	13.15 - Room José Ensch	13.15 - Room Edmond Dune	13.15 - Room A16	
	13.30-14h - Welcome, Opening, and Intro (30 min) 14h-15h30 - LDAC Plenary 1	LDAC Industry track 13.45 - Dr. Gloria Calleja-Rodriguez (O) 14.15 - Jan Voskuil (P)	Session 3 - BIM implementation and practice - 13.45 - Talk 15 - 107 (O) - 14.00 - Talk 16 - 18 (O) - 14.15 - Talk 17 - 25 (O) - 14.30 - Talk 18 - 145 (P) - 14.45 - Talk 19 - 51 (O) - 15.00 - Talk 20 - 195 (O)	Session 4 - Virtual and Augmented Realities - 13.45 - Talk 21 - 200 (O) - 14.00 - Talk 22 - 67 (P) - 14.15 - Talk 23 - 170 (O) - 14.30 - Talk 24 - 111 (P) - 14.45 - Talk 25 - 71 (O) - 15.00 - Talk 26 - 87 (P)	ECTP Workshop (organized by EU funded projects consortia) Linking EU H2020 projects on digitization in the construction and maintenance industry: Linked Data and ontologies for BIM and Building Digital Twins	Session 8 - AI in the built environment - 13.30 - Talk 45 - 45 (O) - 13.45 - Talk 46 - 33 (O) - 14.00 - Talk 47 - 165 (P) - 14.15 - Talk 48 - 154 (O) - 14.30 - Talk 49 - 103 (O) - 14.45 - Talk 50 - 92 (O)	Automated Code Compliance Checking (A3XC) – Approaches and Applications Session 1/4 Digital building permit solutions	CBIM Doctoral School	Session 14 - Simulations and parametric modelling - 13.15 - Talk 80 - 7 (P) - 13.30 - Talk 81 - 9 (P) - 13.45 - Talk 82 - 105 (O) - 14.00 - Talk 83 - 13 (O) - 14.15 - Talk 84 - 126 (O) - 14.30 - Talk 85 - 20 (O)	Session 15 - BIM tools and nD modelling - 13.15 - Talk 86 - 135 (O) - 13.30 - Talk 87 - 34 (O) - 13.45 - Talk 88 - 121 (O) - 14.00 - Talk 89 - 156 (O) - 14.15 - Talk 90 - 163 (O) - 14.30 - Talk 91 - 95 (P)	CBIM Doctoral School	
	15.30-16h - Coffee break	15.15 - Coffee break										
	16.00-17.00 - LDAC Plenary 2		Session 5 - Common Data Environments - 15.45 - Talk 27 - 123 (P) - 16.00 - Talk 28 - 162 (O) - 16.15 - Talk 29 - 52 (P) - 16.30 - Talk 30 - 82 (P) - 16.45 - Talk 31 - 117 (P) - 17.00 - Talk 32 - 178 (O)	Session 6 - Digital Twins 2 - 15.45 - Talk 33 - 120 (P) - 16.00 - Talk 34 - 188 (O) - 16.15 - Talk 35 - 22 (O) - 16.30 - Talk 36 - 184 (O) - 16.45 - Talk 37 - 15 (O) - 17.00 - Talk 38 - 84 (O)	Workshop MODENA - Structural Analysis and Modeling in a BIM Workflow (end 17.00)	Session 9 - Interoperability and novel data practices - 15.30 - Talk 51 - 61 (O) - 15.45 - Talk 52 - 203 (P) - 16.00 - Talk 53 - 12 (P) - 16.15 - Talk 54 - 139 (P) - 16.30 - Talk 55 - 80 (P) - 16.45 - Talk 56 - 8 (O) - 17.00 - Talk 57 - 42 (O) - 17.15 - Talk 58 - 31 (P)	Automated Code Compliance Checking (A3XC) – Approaches and Applications Session 2/4 Integrating domain knowledge into compliance assessment - 15.30 - Talk - 43 (P) - 15.45 - Talk - 32 (P) - 16.00 - Talk - 144 (P) - 16.15 - Talk - 36 (O)	CBIM Doctoral School	Award ceremony and closing session // Specific space/time for C. Eastman price award (End 15.30) Pieter Pauwels, Eindhoven University of Technology (P) Jakob Beetz, Professor, RWTH Aachen University (O) Sylvain Kubicki, Conference Chair, Luxembourg Institute of Science and Technology (P)			
	17.00 - Walking guided tour in Belval (Departure: Bâtiment administratif Fonds Belval)	17.15 - Keynote speech - Dr. Renate Fruchter (35 min. + 10 min Q/A) (O)			18H45 - Social event - Departure from Abbaye de Neumünster to Remich (for the the Cruise on the Moselle and Dinner)				CBIM Doctoral School Closing remarks, invitation to fourth CBIM PhD School (End 15.45)			
	18h-19h: LDAC committee meeting (closed) (Room 345 @ LIST)	18.30 - Common drink LDAC/CIB (Bâtiment administratif Fonds Belval)										