

Conference Agenda

TUE
23
June

WED
24
June

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25
June

Agenda Overview

Date: Tuesday, 23/June/2026

	CONFERENCE DAY 1			
8:30am - 10:15am	Joint Opening Ceremony			
10:15am - 10:30am	Coffee Break 1-1			
10:30am - 12:00pm	Day 1: Plenary Session 1 Chair: Carlos T. Formoso Making people performance visible: connecting socio-emotional competencies and lean indicators Gabriel Millon, Gabriela Alvarado, <u>Edison Atencio</u>, <u>Rodrigo F. Herrera</u> Manifesting cognitive load theory in lean construction: a framework for human-centered task design Amira Eltahan, Gaang Lee, <u>Farook Hamzeh</u> Mapping AI and lean construction integration: a network analysis framework for construction productivity <u>Ali Bidhendi</u>, Sina Golsorkhi, <u>Mani Poshdar</u>, <u>Mostafa Jelodar</u> Generative design as an integrated value delivery tool <u>Diego Rojas Marinkelle</u>, Nelly P Garcia-Lopez, Santiago Lara 33 years of Lean Construction: Community evolution and authorship patterns <u>Paul Christian John</u>, Bernard Sun, Atle Engebø, Ola Lædre, Shervin Haghsheno, Frode Drevland			
12:00pm - 1:00pm	Lunch Day 1			
1:00pm - 1:45pm	IGLC 1-1: People, Culture, and Change Chair: James Packer Smith When you meet lean construction gurus - Beware! <u>Eelon Mikael Lappalainen</u>, Antti Ainamo, Dominic Desmarais, Ana Reinbold Hiring for lean under labor shortages: rethinking “right people” through cognitive diversity <u>Lynn Shehab</u> Contents-procedures-human relationships triad: reconceptualizing lean implementation <u>Maggie Y. GAO</u>, Damian L. Balingit, Bak Koon Teoh, Robert L. K. Tiong	IGLC 1-2: Digitalization and Lean Construction Chair: Claudio Mourgues A boundary-spanning playbook for digital construction innovation Diana Salhab, Farook Hamzeh, Yasser Mohamed, <u>Simaan AbouRizk</u> Semantic blindness in the digital Last Planner System <u>Raquel Hoffmann Reck</u>, Eduardo Luis Isatto A digital Lean framework for early-stage urban regulatory decision-making <u>Caroll Francesconi</u>, Eric Forcael, Reinaldo Valdebenito	IGLC 1-3: Production Planning and Control Chair: Karina Bertotto Barth Tactical obeyas for production control: Visual Management with Kaizen, Takt & LPS <u>Jon Lerche</u>, Bernardo Martim Beck da Silva Etges Digital material flow management in takt production <u>Jaakko Markus Riekk</u>, Olli Seppänen, Antti Peltokorpi Data-Driven Decision Support System for Resource allocation to Cast in-situ Piles of Linear Projects <u>Anantharaam R</u>	IGLC 1-4: Modular and Off-Site Construction Chair: Xinming Li Understanding performance limits in off-site structural frame construction <u>Asitha Rathnayake</u>, Danny Murguia, Ashan Senel Asmone, Campbell Middleton A lean framework for modern methods of construction workforce transition in Australia <u>Laura Gutierrez Bucheli</u>, Duncan Maxwell An adaptive WIP controller framework for dynamic buffer management in modular construction <u>Nima Moghimi</u>, Sahar Shamaee, Haitao Yu, Qipei Mei, Vicente.A. Gonzalez, Farook Hamzeh

1:45pm - 2:30pm	IGLC 1-5: People, Culture, and Change Chair: Rodrigo F. Herrera Workforce readiness: the need for a competency framework in off-site construction to support lean transformation <u>Dana Sobh</u>, Lynn Shehab, Farook Hamzeh Democratizing Lean: development of an ai-augmented cultural transformation. <u>Dan Alfassi</u> Epc pre-execution planning communication: a comparative analysis of four approaches <u>Gerardus Blesto</u>, <u>Richardus Kasih</u>, Budi Utomo, Gregory Saragih	IGLC 1-6: Digitalization and Lean Construction Chair: Olli Seppänen Aligning digital safety technologies with lean construction principles <u>Nelson Claudio Salim</u>, <u>Phuong-Linh Le</u>, <u>Jacob Je-Chian Lin</u> AI-Based safety monitoring using SKOPIA for preventing accidents in heavy equipment operations at Jragung Dam construction project <u>Andrianto Widhi Nugroho</u>, Ayu Nindya Atiekasari, Satria Maulana Akbar, Adi Tisna Rayadi, Natasya Stiefani, Bagus Hendri Setyawan Balancing decarbonisation and climate resilience through lean and digital twins <u>Adnan Muzaffar</u>, <u>V. Paul C. Charlesraj</u>	IGLC 1-7: Production Planning and Control Chair: Iris D. Tommelein The WIP-Push-Wave: a leading indicator for project production control <u>Doron S. Gabai</u>, <u>Eran Haronian</u>, <u>Rafael Sacks</u>, Mark K. Miera, Tabitha D. Cloyd Evaluating lean construction impacts on waste, lead time, rework, and cost: a case study of a commercial building project <u>Mohammed Alsharqawi</u>, <u>Atefeh Mohammadpour</u>, <u>Tarek Salama</u> Governing stochastic service demands in Lean Construction: A hyprid LPS-Scrum model <u>João Vieira</u>, Raquel Reck, Bernardo Etges, Mayara Sousa, Wesley Costa	IGLC 1-8: Modular and Off-Site Construction Chair: Ivanka Iordanova Aligning lean project delivery with industrialized construction: a project-level, requirements-based analysis <u>Jesús Ortega</u>, <u>Harrison Mesa</u>, <u>Zulay Mercedes Giménez Palavicini</u>, <u>Alejandro Vásquez-Hernández</u> Safety risk factors associated with a lean wood-framing prefabrication facility: a case study <u>Vishal Sharma</u>, <u>Don Mah</u>, <u>Neetu Sharma</u>, <u>Mohamed Al-Hussein</u>, <u>Ahmed Bouferguene</u>, <u>Haitao Yu</u> Identifying dynamic bottleneck in modular construction using simulation and probabilistic analysis <u>Nima Moghimi</u>, <u>Muge Tetik</u>, <u>Qipei Mei</u>, <u>Vicente.A. Gonzalez</u>, <u>Farook Hamzeh</u>
2:30pm - 3:00pm	Coffee Break 1-2			
3:00pm - 3:45pm	IGLC 1-09: People, Culture, and Change Chair: Canlong Liu From lean projects to a lean enterprise: using hoshin kanri to make lean construction stick <u>Richardus N. Kasih</u>, <u>Iris D. Tommelein</u>, <u>Rafael V. Coelho</u>, <u>Richardus B. Utomo</u>, <u>Gerardus B. Kasih</u> Revealing lean-aligned practices in Indonesian small contractors: A preliminary study <u>Muhamad Abduh</u>, <u>Budi Hasiholan</u>, <u>Eliza Puri</u>, <u>Anang Wirdianto</u>, <u>Hudan Linas</u>, <u>Patar Nainggolan</u> A cross-country analysis of lean construction maturity in japan and germany using the lcmm <u>Claus Nesensohn</u>, <u>Jeferson Shigaki</u>, <u>Yamasaki Hiroaki</u>	IGLC 1-10: Digitalization and Lean Construction Chair: Lynn Shehab Integrating lean construction and BIM for enhanced planning in construction projects <u>Milan Jovin</u>, <u>Igor Pesko</u> Prototyping a Construction-Stage Platform for as-built Sustainability Data Management <u>Ergo Pikas</u>, <u>Ranar Pügi</u>, <u>Tarmo Robal</u>, <u>Kädi-Riin Vendel</u>, <u>Müge Tetik</u>, <u>Lauri Koskela</u> Lean AI-driven defect management framework <u>Tolulope Akande</u>, <u>Shang Gao</u>, <u>Mehran Oraee</u>	IGLC 1-11: Production Planning and Control Chair: Danny Murguia Integrating flow and leadership in production planning and control <u>Felix Archibald Enge</u>, <u>Lars Eric Mentrup</u>, <u>Björn Bernhard Vauk</u> Strategic risk management through business-as-usual and lean construction mitigation: the sitinjau lauik flyover project, indonesia <u>Rifki Alfrianto</u>, <u>Achmad Luthfi Naufal</u>, <u>Fitriana Prahastiwi Pramono</u>, <u>Arif Rahman</u>, <u>Amy Rachmadhani Widyastuti</u>, <u>Halim Wiranata</u>, <u>Gunadi Soekharjo</u>, <u>Sastria Wresniwira</u>, <u>Iwan Hermawan</u> Integrating SCRUM with The Last Planner System: AI-enhanced lean framework <u>Guillermo Prado Lujan</u>, <u>Felipe Engineer-Manriquez</u>	IGLC 1-12: Modular and Off-Site Construction Variation management in prefabricated MEP installations: challenges and opportunities <u>Tuomas Tapio Valkonen</u>, <u>Olli Seppänen</u> A digital-twin based CONWIP framework for work in progress (WIP) management in modular construction <u>Nima Moghimi</u>, <u>Sahar Shamaee</u>, <u>Haitao Yu</u>, <u>Qipei Mei</u>, <u>Vicente.A. Gonzalez</u>, <u>Farook Hamzeh</u> Social Sustainability and Human-Centered Lean Practices in Modular and Off-Site Construction <u>Helia Rasouli</u>, <u>Amirhossein Mehdiipoor</u>, <u>Silvio Melhado</u>, <u>Ivanka Iordanova</u>
3:45pm - 5:00pm	IGLC Session: Lean Transformatio: IGLC Session: Lean Transformation of Global Construction Industry			
5:00pm - 5:15pm	Coffee Break 1-3			

5:15pm - 6:00pm	IGLC 1-13: People, Culture, and Change Chair: Kristen Parrish 33 years of Lean Construction research: Academia-industry links and global contributions <u>Paul Christian John</u>, <u>Bernard Sun</u>, Atle Engebø, Ola Lædre, Shervin Haghsheeno, Frode Drevland Pressure capacity - a revolutionary benchmark for promoting healthy work environments <u>Matthew Seiji Araki</u>, James Packer Smith, Robert Loose, Matt Lechtenberg, Rachel Eigen, Erick Faro, Maria Paula Alfaro Beyond the jobsite: adapting make-ready logic to managerial decision-making in construction <u>Yovi Arsianto</u>	IGLC 1-14: Digitalization and Lean Construction Chair: Qiwei Mei Enabling Lean Production through digital planning systems <u>Kevin McHugh</u>, Patricia Tzortzopoulos, Emmanuel Manu Green and digital innovations for managing construction supply chain in the net zero economy Ali Al-Zaini, <u>Melissa Chan</u>, Victor Arowoia, Saeed Aramesh, Asrul Masrom Integrating lean Construction, lean Office, and business intelligence in a Panamanian sanitation project <u>Cristian Camilo Osorio-Gómez</u>, <u>Bernardo Martim Beck Da Silva Etges</u>, Enrico Pieta	IGLC 1-15: Production Planning and Control Chair: Farook Hamzeh Portfolio change governance and lean control cadence: Evidence from 44 projects <u>Emilia Rahmawati</u>, Hezekiel Karunia Putra, Halwati Najwa, Anang Wirdianto, Aminullah Thalib, Media Persada Performance measurement in takt production: an exploratory study on metrics, practices and challenges <u>Carlos T. Formoso</u>, Carolina M. Zani, Karina B. Barth, Jeferson S. Shigaki, Gregory F. Saragih, Iris D. Tommelein Implementation of the Last Planner System on a port project - evidence from Ireland William Power, <u>Emmanuel Daniel</u>, Eddie O'Keeffe	
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	CONFERENCE DAY 2			
8:30am - 9:15am	IGLC 2-1: People, Culture, and Change Chair: Paz Arroyo Accelerating construction of public infrastructures leveraging lean concepts: A case study <u>Dr. Subhash Rastogi</u>, <u>Manoranjana Misra</u>, <u>Narendra Kumar Ghadhai</u>, <u>Tony Jacob</u> Understand the relationships between communication behaviors and team performance in last planner system implementation <u>Canlong Liu</u>, González Vicente, Gaang Lee Team Building Workshop Series: Laying the foundation of a Lean Construction transformation <u>Jeferson Shin-Iti Shigaki</u>, Satomi Yokoyama, Koichi Ishikawa, Shojiro Taira, Hiroaki Yamasaki	IGLC 2-2: Digitalization and Lean Construction Chair: Eyob T Mengiste The symphony of construction: A data-driven comparison of takt and traditional construction <u>Mawara Khan</u>, Paulina Gollee, Jaakko Riekk, Christopher Görsch, <u>Olli Seppänen</u> Integrating metaverse-based training frameworks for concrete 3D printing construction Mohamed Ait Gacem, <u>Saleh Abu Dabous</u> Prediction of logistics performance and allocation optimization in construction projects using CatBoost, LightGBM, and XGBoost based on Lean Construction principles <u>Arif Haidar Nur Shidqi</u>, Mochamad Agung Wibowo, Adian Fatchur, Alfain Ramdhan	IGLC 2-3: Production Planning and Control Chair: Shervin Haghsheeno Impacts of Waiting-Type Non-Physical Waste on Schedule Deviation in Lean-Managed Building Projects in Indonesia <u>Abdhy Gazali</u>, Anang Wirdianto, Aminullah Aminullah, Anisah Anisah, Refia Alaida, Lintang Tirta Sari Systematising the creation of line of balance: an automated tool for multi-storey building <u>Bruna Milán Gonçalves</u>, Fabiano Rogério Corrêa Lean practices and the governance of modern methods of construction: articulation of planning horizons in mmc-based production systems <u>Bernardo Martim Beck da Silva</u><u>Etges</u>, Marcus Fireman, Raquel Reck	IGLC 2-4: Lean and Green Chair: Jesús Ortega Nexus between lean construction and construction 6.0 for the management of construction and demolition wasteON WASTE (CDW) <u>Kurauwone Maponga</u>, Partson Paradza, Lungie Maseko, Zamageda Zungu Ecofix- a PyRevit prototype for a lean and sustainable renovation decision support tool Narmada Bharadwaj, <u>Prasanna Venkatesan Ramani</u>, Mushrif Ali, Saran Somapalli Sureshkumar, Harshitha Tumma Exploring the potential of lean sustainable construction 4.0: a reflexive analysis Gonzalo Garcés, <u>Eric Forcael</u>
9:15am - 10:00am	IGLC 2-5: People, Culture, and Change Chair: Eelon Mikael Lappalainen Recognition as an engagement mechanism in kaizen programs in construction Melissa Freitas, <u>Raquel Reck</u>, Pedro Bonkowski, Marcus Fireman Understanding barriers to IPD adoption in construction SMEs: Insights from a collaborative workshop <u>Andrea Sanchez</u>, Farook Hamzeh, Vicente A. Gonzalez Integrity assurance architectures for lean construction - the case of Seriositet in Norway Jardar Lohne, Frode Olav Drevland, Morten Engeset-Nordanger, <u>Ola Lædre</u>	IGLC 2-6: Digitalization and Lean Construction Chair: Jinying Xu Operationalizing lean project control through data-driven weekly reasoning <u>Eyob T Mengiste</u>, Borja Garcia de Soto A Lean-BIM operational traceable model for 5D cost-schedule integration in structural works Gerardo Adolfo Becerra Pino, <u>Jesús Ortega</u>, Italo Gerald Sepúlveda Solari, Beda Barkokebas, Luis Fernando Alarcón Cardenas Speech-to-update BIM: a lean, voice-enabled workflow for real-time site progress capture <u>Avi Singhal</u>, <u>Sahil Garg</u>	IGLC 2-7: Production Planning and Control Chair: Olli Seppänen The need to better manage information in field rework <u>Mohammed Albarrami</u>, Frédéric Bosché, Simon Smith Operationalising Transformation-Flow-Value in Lean Construction via SMART-enabled awareness Prajwal Prabhu, <u>Vishal Singh</u> Beyond Lean Production: interpreting the Last Planner System from a Resilience Engineering perspective Douglas Comassetto Hamerski, <u>Carlos Torres Formoso</u>, Tarcisio Abreu Saurin, Eduardo Luis Isatto	IGLC 2-8: Lean and Green Chair: Müge Tetik Enhancing sustainability in Indonesian dam construction: a lean optimization approach <u>Ferdinand Napitupulu</u>, <u>Edi Irtanto</u> Towards a circulo-lean construction economy through standardisation <u>Nathan Johns</u>, Saeed Talebi, Mike Kagioglou Relating non-physical waste in lean construction to carbon emissions during project execution <u>Abdhy Gazali</u>, Muhammad Sapto Nugroho, Wildan Nachdy, Annisa Nurrahmawati Wibowo
10:00am - 10:30am	Coffee Break 2-1			
10:30am - 11:15am	IGLC 2-09: People, Culture, and Change Chair: Annett Schöttle From Tools to Behaviors: How a VDC Implementation	IGLC 2-10: Digitalization and Lean Construction Chair: Melissa Chan A multi-agent data-to-model workflow for Make-Ready assessment	IGLC 2-11: Health, Safety, and Quality Chair: Shang Gao Translating 5s planning into physical site practices through bim-based	IGLC 2-12: Lean and Green Chair: Nathan Johns Validating location-based carbon emissions forecasting

	Influence in a Construction Company Frederick M. Gutierrez Lazarte, Karina Piña Lozada, Lizzet Macedo Valladares, Jorge L. Izquierdo Ramirez Evaluation categories to measure the lean adoption for organizations Nozomi James Hirata, Robert Leicht, John Messner Agile-lean hybridisation in construction Pearl Li Ng, Farshid Rahmani, Tiendung Le, Tayyab Maqsood	<u>Ruixuan Qi</u>, Jinying Xu, Ruiyan Zheng Lean post-typhoon recovery: multi-agent look-ahead and constraints for the last planner system <u>Xianghui Zeng</u>, <u>Liu Jiang</u>, <u>Zhiyuan Cheng</u>, <u>Yu Chen</u> Embedded Machine Learning as an Enabler of Lean Construction <u>Björn Bernhard Vauk</u>, Lars Eric Mentrup, Felix Archibald Enge	visualization: a case study of the bri ragunan building project <u>Wisnu Wardana</u>, Andika Hendry Nugroho, Wisnu Dewantoro, Rivaldo Adam, Nadhila Afiati Rachman, Mardiansyah Boestamar, Andung Damar Sasongko, Robby Kurniawan, Achmad Luthfi Naufal Analysis of suicide rates in construction and how Lean can help reverse the trends <u>Min Liu</u>, Thais Alves, Weilin He Safety climate in a state-owned construction company : gap analysis and practical recommendations <u>Nia Dwi handayani</u>, <u>Alfina Hapsari</u>, <u>Willem Luturmas</u>, <u>Muhamad Abdi</u>, <u>Fafan Khoirul fanani</u>	Martin Veis Marxen, Andreas Hougaard Hansen, <u>Kristian Birch Pedersen</u>, Søren Wandahl A decision-support framework for prioritising lean construction techniques in the planning stage of indonesian construction projects <u>I Putu Artama Wiguna</u>, Tri Joko Wahyu Adi, Yusroniya Eka Putri Rachman Waliulu, Prastyo Satriyo Agus Adi Decarbonizing construction through logistics: insights from cold climates <u>Müge Tetik</u>, Ergo Pikas, Kädi-Riin Vendel, Nima Moghimi, Farook Hamzeh
11:15am - 12:30pm	IGLC 2-13: People, Culture, and Change Chair: Ola Lædre Immigrant mental health and lean construction - a bibliographic analysis Erick Faro, <u>Ian G. Hale</u>, Matthew S. Araki, James P. Smith, Maria A. Alfaro A general contractor’s Lean journey <u>Paz Arroyo</u>, <u>Chris Dierks</u>, Thais Alves Choosing by Advantages for better Decision Quality in Construction Procurement: a Case Study <u>Annett Schöttle</u> Lean-based Dynamic Capability: Case studies of pluripotential team in field thinking <u>Ryusuke Kojio</u>, <u>Ming Shan Ng</u>, <u>Ryusuke Kojio</u>, <u>Ryusuke Kojio</u> To improve performance in Complex Environments, you must first understand ambiguity <u>Jared Chesterman</u>, Cecilla da Rocha	IGLC-2-Simulation / hands-on 1 Chair: Zofia Kristina Rybkowski	IGLC-2-Simulation / hands-on 2 Chair: Ganesh Devkar	
12:00pm - 1:30pm	Lunch - Day 2			
1:30pm - 3:30pm	ISARC – IGLC Joint Session Chair: Vicente A. Gonzalez Chair: Rafael Sacks A minimal-data toolkit for diagnosing loss of flow resilience in interior fit-out work <u>Ashan Senel Asmone</u>, Danny Murguia, Zhengyang Ling, Asitha Rathnayake, Campbell Middleton			

	A proactive digital twin framework for dynamic pull scheduling in modular construction factories <u>Nima Moghimi</u>, Sahar Shamaee, Qipei Mei, Vicente.A. Gonzalez, Farook Hamzeh			
	The lean construction visual taxonomy (lcvt): bridging the semantic gap <u>Mohamed Sabek</u>, Qipei Mei, Gaang Lee, Ali Golabchi, Vicente Gonzalez			
3:30pm - 3:45pm	Coffee Break 2-2			
3:45pm - 4:30pm	IGLC 2-14: People, Culture, and Change Chair: <u>Frode Drevland</u> Language action perspective and its influence on communication practices in construction project teams <u>Jason David Klous</u>, <u>Emmanuel Manu</u>, Ehsan Asnaashari, Zakwan Arab Aligning research and adoption through agile roadmapping in construction innovation Anas Itani, Ali Golabchi, Gaang Lee, Yasser Mohamed, Simaan Abourizk Interpreting and operationalizing enterprise agility in construction: a safe-based case study <u>Chun-Ying Lee</u>, Bryan D. Tan, Jacob J. Lin	IGLC 2-15: Digitalization and Lean Construction & Lean and Green Chair: <u>Mani Poshdar</u> Digital transformation in construction: evidence from Brazil Luara Lopes de Araujo Fernandes, <u>Dayana Bastos Costa</u> Digital optimization for green construction – reducing rebar waste and carbon emission <u>Yura Rizaldi</u>, <u>Akbar Ashari</u>, Adi Permadi, Bayu Putro, Aminullah Thalib, Anang Wirdianto Digital twins as a catalyst for sustainable construction transport policies? A critical review <u>Müge Tetik</u>, Nicolas Brusselaers, Ergo Pikas	IGLC 2-16: Product Development, Value and Design Management Chair: <u>Kristen Parrish</u> Lean-digital-place integration for circular housing design Samira Awwal, Patricia Tzortzopoulos, Esmaeel Fatahian, Catherine Hill, Rakesh Mishra, Leigh Fleming Mind the chasm: integrating facility management requirements in design <u>Oldouz Arshang</u>, <u>Moslem Sheikhkhoshkar</u>, <u>Farook Hamzeh</u> What limits effective Target Value Delivery implementation in construction projects? <u>Zulay Mercedes Giménez Palavicini</u>, <u>Alejandro Vásquez-Hernández</u>, <u>Jesús Ortega</u>, Harrison Mesa, Jhonattan Martínez, Luis Fernando Alarcón	
4:30pm - 5:15pm	IGLC 2-17: People, Culture, and Change Chair: <u>Ming Shan Ng</u> Carpenters' workday: Between value-adding work and physical strain Fillip Holth, Roar Fosse, <u>Frode Drevland</u> Continuous improvement in project-based construction organizations Eder Martinez, Caroline Beyerle, Louis Pfister, <u>Eric Forcael</u> AI-impacted construction people readiness via skill valuation and talent trajectories <u>Yaxian Dong</u>, Sangaa Chatterjee, Zijun Zhan, <u>Yuqing Hu</u>, Daniel Mawunyo Doe, Zhu Han	IGLC 2-18: Learning and Teaching Lean Chair: <u>Zofia Kristina Rybkowski</u> The catalysts for learning and innovation in takt production <u>Eelon Lappalainen</u>, Antti Peltokorpi, Olli Seppänen Sync or Sink: a simulation to expose variation, mitigate impacts, and improve flow <u>Dana Sobh</u>, Dominic Desmarais, Ryan Budiab, Jason Russell, Farook Hamzeh Lean construction building capability programme: an australian experience <u>Shang Gao</u>	IGLC 2-19: Product Development, Value and Design Management Chair: <u>Patricia Tzortzopoulos</u> Metrics-based process mapping for MEPF design process efficiency analysis <u>Silambarasan C</u>, <u>Ragavi Prabakaran</u>, <u>Ganesh Devkar</u> Tiered application of DQ and CBA across managerial project levels <u>Jon Lerche</u>, Annett Schöttle Target value delivery for railway infrastructure – a semi-systematic literature review <u>Ragnhild Svarva Lædre</u>, Albert Lau, Olav Torp	
6:15pm - 9:00pm	Gala Dinner			

	CONFERENCE DAY 3		
8:30am - 9:15am	IGLC 3-1: People, Culture, and Change Chair: Emmanuel Manu Strategies to overcome integrated project delivery implementation barriers: a peruvian case study <u>Omar Alfaro Felix</u>, <u>Ronald Roosevelt Nuñez Quispe</u>, <u>Isaac Moises Ccoyllar Escobar</u>, <u>Josep Jesus Abregu Gonzales</u>, <u>Shirley Rubi Choqueno Herrera</u>, <u>Pamela Alexandra Vigo Bueno</u> The pulse of production: Correlating PPS and team health <u>Anthony Munoz</u>, <u>John Cleary</u> Work Skills Required for Success as a Frontline Supervisor <u>Sulaiman Al Sultan</u>, <u>Timothy Becker</u>, <u>Ricardo Eiris</u>, <u>Kristen Parrish</u>	IGLC 3-2: Health, Safety, and Quality Chair: Ganesh Devkar Enhancing lean-oriented safety management through BIM: a socio-technical perspective <u>Osman Hulusi Turkyilmaz</u>, <u>Tiendung Le</u>, <u>Behzad Abbasnejad</u>, <u>David Oswald</u> Developing a mistakeproofing mindset to increase safety capacity <u>Eugene Hon Cheung</u>, <u>Tim Eigendorf</u>, <u>Tomisin Kehinde</u>, <u>Gregory Foranda Saragih</u>, <u>Iris Tommelein</u> Lean construction and the “good house” value system in China: developing a synergistic framework <u>Yanqing Fang</u>, <u>Shang Gao</u>	IGLC 3-3: Production System Design Chair: Vincent Gan Toward an Industry Standard for LPS maturity using a company-grounded framework <u>Guillermo Prado Lujan</u>, <u>Nick Loughrin</u> Dual takt area design: effects on production flow <u>Tobias Liavaag Christoffersen</u>, <u>Ola Lædre</u> Production implications of large-scale wildfire reconstruction <u>Kenneth D Walsh</u>
9:15am - 10:00am	IGLC 3-4: People, Culture, and Change Chair: Paulos Abebe Wondimu The role of lean leadership in enabling data sharing across industry-academia boundaries <u>Amira Saleh</u>, <u>Etienne Vezina</u>, <u>Vicente A. Gonzalez</u> Integration of the Lean Thinking principles into the owners' project management <u>Paul Christian John</u>, <u>Shervin Haghsheho</u> LLM-based action learning model for construction robotics: an industry-academia co-design <u>Atefeh Aali</u>, <u>Ruoyu Yan</u>, <u>Reza Maalek</u>, <u>Xinyu Zheng</u>	IGLC 3-5: Product Development, Value and Design Management Chair: Jhonattan Guillermo Martinez Ribon Understanding value generation attributes from the healthcare built environment and services <u>Giulie Baldissera</u>, <u>Carlos Formoso</u>, <u>Patricia Tzortzopoulos</u> Pitfalls in Value optimisation: corridor decisions in a Norwegian hospital <u>Frode Drevland</u>	IGLC 3-6: Production System Design & Production Planning and Control Chair: Kenneth D Walsh Parade of trades with transfer batching <u>Gregory F. Saragih</u>, <u>Iris D. Tommelein</u> How Distributed Construction reshapes Production systems: defining a Hybrid Delivery Model <u>Tran Duong Nguyen</u>, <u>Pardis Pishdad</u>, <u>Akshath R. Udumula</u>, <u>Todd Ullom</u> Takt planning and control in Indonesia: structure project twin tower undip ptp <u>Rina Asri Aisyah</u>, <u>Fifi Farida</u>, <u>Ardhianto Gutomo</u>, <u>Prama Putra</u>, <u>Pundjung Setya Brata</u>
10:00am - 10:30am	Coffee Break 3-1		
10:30am - 11:15am	IGLC 3-7: Lean and Green Chair: Eric Forcael Resident-facing renovation decision support tool for collaborative decision-making <u>Kädi-Riin Vendel</u>, <u>Ergo Pikas</u>, <u>Müge Tetik</u>, <u>Tiit Tammaru</u> Analysis of key success factors of lean construction performance <u>I Putu Artama Wiguna</u>, <u>Tri Joko Wahyu Adi</u>, <u>Yusroniya Eka Putri Rachman Waliulu</u>, <u>Devita Candraningtyas</u>	IGLC 3-8: Lean Theory Chair: Patricia Tzortzopoulos A conceptual framework for evidence-based design and choosing by advantages synergy <u>Evans Zoya Kpamma</u>, <u>Stephen Agyefi-Mensah</u>, <u>Justice K. Offei-Nketiah</u> The Cultural Dialectics of Standardization and Innovation from the Japanese Ethos to the Global Practice of Lean Construction <u>Zhong Wang</u>, <u>Walter Davis</u>, <u>Qipei Mei</u>, <u>Gaang Lee</u>, <u>Thomas Bock</u>, <u>Vicente A. González</u> Application of Lean Construction: A multilevel and multidimensional perspective <u>Paul Christian John</u>, <u>Marco Binninger</u>, <u>Shervin Haghsheho</u>	IGLC 3-9: Modular and Off-Site Construction Chair: Anas Itani A systematic design for assembly assessment of prefabricated facade panels <u>Sahar Taheripour</u>, <u>Hind Bril El-Haouzi</u>, <u>Moslem Sheikhkhoshkar</u> Can lean construction improve site readiness to facilitate modern methods of construction integration? <u>Emmanuel Daniel</u>, <u>William Power</u> Industrialized construction index (ICI): A project level indicator for industrialization assessment <u>Daniel Felipe Sanchez Ruiz</u>, <u>Emna Attouri</u>

11:15am - 12:00pm	IGLC 3-10: Supply Chain Management & Contract and Cost Management Chair: Zulay Mercedes Giménez Palavicini Value stream mapping in machine allocation for construction logistics – A case study <u>Franz-Ferdinand Gloser</u>, Jörn Welle, Nico Wursthorn, Paul Christian John, Shervin Haghsheho Supply chain performance for lean construction: a scor 14.0 evaluation of a toll road project. Arif Haidar Nur Shidqi, Mochamad Agung Wibowo, Alfain Ramdhan, Reynastasya Syahra Athilla, Salma Rahima Ahmad, Maulida Asri, Gunadi ., Mardiansyah ., Arif Rahman, Amy Rachmadhani Widyastuti Contractor experiences with competitive dialogue in a Norwegian road infrastructure project Joakim Røksland, <u>Ola Lædre</u>, Paulos Abebe Wondimu, Jardar Lohne	IGLC 3-11: Lean Theory Chair: Nelly Paola Garcia-Lopez Lean construction epistemology: human-centered insights from plato and aristotle Rubén Romo, <u>Eric Forcael</u>, Francisco Moreno, Francisco Orozco Critical infrastructures interdependences during extreme weather events: the lean perspective Guilherme Luiz Canzian Marion, Tarcisio Abreu Saurin, Daniela Dietz Viana Schedule delay in construction delivery methods under extreme uncertainty Junting Song, Daniel Esmeral Jaramillo, Yu-Peng Lu, David Eskew, Christopher Abandoh, Tran Nguyen, Pardis Pishdad, Qinghao Zeng	IGLC 3-12: Learning and Teaching Lean Chair: Eelon Mikael Lappalainen Lean construction learning process based on corporate roadmap and LCPD implementation at PT Wijaya Karya (Persero) Tbk <u>Aminullah Aminullah</u>, <u>Hermawan Hermawan</u>, Masayu Amalina Andini, Bernike Natalie Christie, Tan Susanto Developing balanced production flow: A simulation on Mura reduction via Line of Balance Fazel Nasserzadeh, Manik suresh Karkare, Saeel yogin Kulkarni, Travis Long, Chahana Hegde, <u>Zofia Rybkowski</u>, Ganesh Devkar, Dev hiren Naik, Harikrishna Goudar, Ashwin mahavir Durugkar, Faisal Khan
12:00pm - 12:30pm	Lunch - Day 3		
12:30pm - 2:30pm	IGLC Business Meeting		
2:30pm - 3:00pm	Transit to Site Visit		
3:30pm - 6:00pm	IGLC Site Visit		