22nd International CDIO Conference

University of Liverpool, UK

22nd - 25th June 2026

cdio LIVERPOOL UK

UNIVERSITY OF LIVERPOOL

Programme Overview

	Monday	Tuesday	Wednesday	Thursday
08:00	Registration Opens + Coffee			
08:30		Coffee		Tours
09:00	Conference opening and Keynote 1	Keynote 2		
09:30				
10:00	Morning Coffee	Morning Coffee	Morning Coffee	Morning Coffee
10:30	Podiums + Workshops + Working Groups	Podiums + Workshops	Podiums + Workshops	Keynote 3 CDIO Academy & Working Groups Presentations Closing Ceremony
11:00				
11:30				
12:00	Lunch	Lunch	Lunch	
12:30				
13:00	Podiums + Workshops + Working Groups	Roundtables	Podiums + Workshops	Lunch
13:30				
14:00				CDIO Council Meeting
14:30	Afternoon Coffee	Afternoon Coffee	Afternoon Coffee + Regional Meetings	
15:00	Podiums + Workshops + Working Groups	Podiums + Workshops		
15:30			Podiums + Workshops	
16:00				
16:30	CDIO Council Meeting			
17:00			CDIO 2028 Host Presentations	
17:30				
18:00				
18:30	Welcome Reception and tour of Metropolitan Cathedral & Lutyens Crypt	Conference Dinner @ St. Georges Hall		
19:00				
20:00				
21:00				

Monday 22nd June 09:00-10:00

Conference Opening and Keynote Speaker

Pleun Hermsen is a versatile education professional at TU Delft with a focus on meaningful and authentic reflection. Originally, she started her career as a trauma surgeon. Her love for education led her to a change of direction. She has since developed extensive experience in teaching, instructional design, and educational (change) management in (medical-)technical education. Her non-traditional profile within engineering education has inspired her to focus on reflection as a catalyst for deeper, more authentic, and more comprehensive learning. Pleun founded and spearheaded a TU Delft wide program, *The Reflective Engineer*, in which she co-created many educational innovations with teachers and students. One of her most elaborative reflective interventions is the Campfire Talk game, a board game that enables constructive coaching conversations between peers, without necessity of supervision or facilitation. Pleun recently started her research on reflection and is working on an Educational Comenius Grant around Perspective Agility in collaboration and conflict.

Engineering Authentic Reflection

In the opening keynote, Pleun Hermsen dives deeper into something that most of us see as very important yet frequently felt to be elusive: reflection. Educators see reflection as relevant for example in the development of professional competencies, in collaboration, in ethics and in more. Students however see reflection frequently as a chore and of little benefit. Students' responses on reflective assignments are often non-descriptive, deflective, or even outsourced to artificial intelligence. How can we make students reflect authentically and meaningfully? How can we make sure that reflection supports development of socially responsible engineers, who engage in more considered decision-making processes, who can navigate complexity and act responsibly in challenging times? What is the role of educators? Should we ask different questions? Or stop asking students to reflect, but create the conditions where reflection can emerge? Pleun Hermsen has a pluriform professional background and initiated and lead the Reflective Engineer program at Delft University of technology. In this program her team co-created many reflective educational innovations together with teachers and students. From this experience she distilled a framework that supports educators to design conditions for authentic reflection. In her keynote she will share some of the lessons learned which you could apply in practice. In the workshop that follows, she invites you to iterate on your existing reflective assignments or start designing them.

Monday 22nd June 10:30-12:00

1A - Podium: Ethical, Responsible and Socially-Driven Engineering Education		1B - Workshop	1C - Intro Workshop	1D – Working Group
Room: TBC	Session Chair: TBC	Room: TBC	Room: TBC	Room: TBC
103 - CDIO FRAMEWORK AND COGNITIVE SCIENCE: HUMAN-IN-THE-LOOP FOR GEN AI USE *Sin-Moh Cheah*		**Keynote Workshop: Engineering Authentic Reflection** *Pleun Hermsen*	**Introduction to CDIO 1: Impact and Benefits of CDIO Approach to Engineering Education** *Thomas Baker* *Mark Nivan*	**Working Group 1 - Sharing Good Examples of Curriculum Agility** *Suzanne Brink Carl* *Johan Carlsson* *Mikael Enelund Sonia Gomez Puente* *Elizabeth Keller Charles McCartan* *Reidar Lyng* *Remon Rooij*
148 - INTEGRITY BY DESIGN FOR ETHICAL AI USE THROUGH A REFLECTIVE ASSESSMENT MODEL *Sean Cunningham* *David Tanner*				
203 – IF AI WRITES, WHO THINKS? STUDENT PERCEPTIONS IN CDIO EDUCATION *Ahal Akgayev, Chynar Garlyyeva, Chynar Seytekova, Aygul Charyyeva Yslam Orazov*				
119 – IDENTIFYING THE FOUR CORE BENEFICIARIES OF INDUSTRY-DRIVEN CDIO PROJECTS *Soumya Kanti Manna, Nabila Naz Salman Saeidlou, Anne Nortcliffe*				
106 – SAFEGUARDING HUMAN CREATIVITY: USING GEN AI TO PROTECT AGAINST GEN AI. *Sin-Moh Cheah*				

Monday 22nd June 13:00-14:30

2A - Podium: Active Learning, Pedagogy and Teaching Innovation		2B - Podium: AI Policy, Systems and Institutional Change		2C - Workshop	2D - Intro Workshop 2	2E – Working Group
Room: TBC	Session Chair: TBC	Room: TBC	Session Chair: TBC	Room: TBC	Room: TBC	Room: TBC
102 - CHEMICAL PRODUCT DESIGN: A CASE STUDY ON 'LEARNING FROM FAILURE' *Katerina Yang, Sin-Moh Cheah, Yunyi Wong, Ai Ye Oh, Thijs Willems, Qian Huang*		**107 - REVIEW OF CDIO SYLLABUS VERSION 3.0 TO INCLUDE DEVELOPMENT OF AI-HUMAN COMPETENCIES** *Sin-Moh Cheah*		**199 - REIMAGINING EDUCATOR IDENTITY THROUGH COLLABORATIVE DIALOGUE** *Sarah Junaid Karl-Olof Lindahl Jörgen Forss Gareth Thomson Paul Hermon Andreas Ebbelind Jo Verhaevert*	**Introduction to CDIO 2: Using the CDIO Standards in Educational Development** *Jens Bennedsen Katerina Tan*	**Working Group 1 - Sharing Good Examples of Curriculum Agility** *Suzanne Brink Carl Johan Carlsson Mikael Enelund Sonia Gomez Puente Elizabeth Keller Charles McCartan Reidar Lyng Remon Rooij*
114 - A PRACTICE OF A CREATIVITY-CENTERED PEDAGOGICAL MODEL FOR CHINESE DESIGN EDUCATION *Yufan Zheng, Anne Nortcliffe, Hany Hassanin, Stuart Lambert*		**127 - PRIVACY-ADAPTIVE GENERATIVE AI: FROM UNSTRUCTURED REPORTS TO COMPETENCY-BASED LEARNING ANALYTICS** *Saul Garcia Huertes, Ramon Bragós*				
129 - PROBLEM-BASED LEARNING INTO THE INCOME TAX THEORY AND SYSTEM COURSE *Sheng Tung Chen*		**154 - NORDIC INSTITUTIONAL RULES AND REGULATIONS IN THE LIGHT OF GENERATIVE AI** *Jens Bennedsen, Juha Kontio, Janne Roslöf Elizabeth Keller, Fredrik Georgsson, Marisol Rico Cortez*				
190 - PEER LEARNING AND FEEDBACK THROUGH THE CDIO FRAMEWORK IN ENGINEERING EDUCATION *Marika Säisä Annukka Kinnari Mika Luimula*		**179 - FROM RESTRICTING TO INTEGRATING AI: A UNIVERSITY STRATEGY FOR ENGINEERING EDUCATION** *Mikael Enelund, Niklas Broberg, Jim Brouzoulis, Fia Börjesson, Victoria Granström, Aidin Fanni, Knut Åkesson, Amanda Öberg*				
194 - REDESIGNING FEEDBACK TO ENHANCE STUDENT DEVELOPMENT *Greg Watts*		**219 - AI ASSISTED QUALITATIVE ANALYSIS OF CDIO IMPLEMENTATION** *Kirsten From*				

Monday 22nd June 15:00-16:30

3A – Podium: AI in Engineering Education		3B – Podium: CDIO Evaluation, Quality and Impact		3C - Workshop	3D - Intro Workshop 3
Room: TBC	Session Chair: TBC	Room: TBC	Session Chair: TBC	Room: TBC	Room: TBC
126 - USING LARGE LANGUAGE MODELS AS TOOLS IN INTRODUCTORY PROGRAMMING COURSES *Eli Roslöf* *Janne Roslöf*		**108 – CDIO PROGRAM EVALUATION: IMPROVING SELF-EVALUATION PROCESS WITH GUIDELINES AND GUIDING QUESTIONS** *Sin-Moh Cheah*		**123 - DEVELOPING SUSTAINABLE ENGINEERS TO LEAD THE TRANSITION TO A 2050 CIRCULAR ECONOMY** *Rose Byrne* *Louise Pick* *Charles McCartan*	**Introduction to CDIO 3: Using the CDIO Syllabus in Educational Development** *Reidar Lyng* *Suzanne Brink*
140 - AI-SUPPORTED LEARNING: SELF-ASSESSMENT OF ENGINEERING STUDENTS *Bayarmaa Tsogtbaatar* *Khulan Ojgoosh, Uranchimeg Davaasuren*		**195 – DEVELOPING A CDIO-BASED QUALITY ASSURANCE SYSTEM FOR ENGINEERING EDUCATION** *Limin Cui, Teng Wang*			
143 - AI-SUPPORTED SOCRATIC TUTORING CHATBOT IN MANUFACTURING EDUCATION: A THEORY-INFORMED CDIO IMPLEMENTATION *Abboy Verkuilen*		**137 – 25 YEARS WITH CDIO – A LINKÖPING PERSPECTIVE** *Svante Gunnarsson, Helena Herbertsson* *Annalena Kindgren*			
110 – REDESIGNING ASSESSMENT FOR AI-SUPPORTED PROJECT-BASED LEARNING: EVIDENCE FROM ENGINEERING EDUCATION *Mohamad Farhat, Mohammed Abdul-Niby* *Hamzeh Aljarajreh*		**201 – IMPACTS OF CDIO FRAMEWORK IMPLEMENTATION ON OUTPUT PRODUCTIVITY AND INTERPERSONAL SKILLS DEVELOPMENT** *Muhammad Arifin, Iman Fahruzi,* *Siti Noor Chayati, Hendawan Soebhakti*			
177 - INTEGRATING ARTIFICIAL INTELLIGENCE INTO ENGINEERING EDUCATION: A CDIO-ALIGNED INSTRUCTIONAL DESIGN APPROACH *Bayarmaa Tsogtbaatar* *Khulan Ojgoosh, Uranchimeg Tungalag* *Luvsandorj Tsogdov*		**202 – EVALUATING A DIGITAL SIGNAL PROCESSING COURSE IN AI ERA** *Aldo André Díaz-Salazar* *Jalusa Andréia Storch Díaz,* *Emerson Nobuyuki Itikawa, Svante Gunnarsson*			

Tuesday 23rd June 09:00-10:00

Keynote Speakers

Dr Rhys Morgan is Director of Engineering and Education at The Royal Academy of Engineering. Rhys is taking a leading role to co-ordinate the work of the engineering community in ensuring the education system is appropriate at all levels for developing the next generation of engineers. He leads a team whose work includes teacher CPD and curriculum resource materials, research into learning and teaching in engineering education, curriculum and qualification development and improving diversity in engineering.

Prof. Chris Waldon, Chief Engineer and Deputy Director, STEP (Spherical Tokamak for Energy Production)

Chris became Chief Engineer in August 2023, following his role as STEP Fusion's Delivery Director. A Fellow of the Royal Academy of Engineering, he brings over 30 years of delivery experience across the nuclear, pharmaceutical, chemical, refining, and power generation sectors. Since joining UKAEA in 2003, he founded the Central Engineering Department and served as UKAEA Chief Engineer. In his current role, Chris is accountable for the overall whole plant design, its performance, all key decisions supporting the prototype powerplant, and the ownership of technical risk.

Tuesday 23rd June 10:30-12:00

4A – Podium: Project-Based and Team-Based Learning		4B – Podium: Industry Collaboration and Professional Competence		4C - Workshop	4D - Workshop	4D - Workshop
Room: TBC	Session Chair: TBC	Room: TBC	Session Chair: TBC	Room: TBC	Room: TBC	Room: TBC
117 – ENSURING INDIVIDUAL ACCOUNTABILITY IN AUTHENTIC TEAM-BASED ASSESSMENTS *Edward Causton*		**100 – STRENGTHENING ENGINEERING EDUCATION THROUGH INDUSTRIAL COLLABORATIONS WITHIN THE CDIO FRAMEWORK** *Mortadha Alsaba, Mohamad Iyad Al-Khiami Jean El Achkar, Mohammed Abdul-Niby*		**218 - INCLUSIVE ASSESSMENT FOR NEURODIVERSE STUDENTS IN ENGINEERING CLASSES** *Thomas Baker* *Suzanne Brink* *Lisa Gommer*	**156 - PEER-TO-PEER SUPPORT – CDIO ACTIVITY TO SHARE AND LEARN** *Juha Kontio*	**ITP Metrics Workshop** *Tom O'Neill*
120 – INTEGRATING CDIO AND TEAM-BASED LEARNING IN A MANAGEMENT COURSE: ACTION RESEARCH STUDY *Cheng Mei Tung*		**118 – DESIGNING AUTHENTIC INDUSTRY-ENGAGED ASSESSMENT FOR PROFESSIONAL COMPETENCE IN BUSINESS INTELLIGENCE** *Helga Ingimundardóttir*				
125 – SINGAPORE POLYTECHNIC AND POLIBATAM TRANSNATIONAL COLLABORATIVE STUDENT PROJECT: INITIAL EXPLORATION *Kim-Fai Soh, Hendawan Soebhakti Muhammad Arifin, Nanta Fakih Prebianto Abdurahman Dwijotomo*		**163 – CO-LOCATION LABS FOR AUTHENTIC LEARNING: EXPERIENCES FROM SINGAPORE POLYTECHNIC'S ENGINEERING CLUSTER** *Boon Seng Chew, James Yee, Joo Ghee Lim Sharon Gan, Yihong Kok Chow Leong Chia*				
170 – STEERING TOGETHER: STUDENT AND STAFF PERSPECTIVES ON AUTONOMY IN FINAL YEAR PROJECTS *Matthew Cairns, Louise Pick,Charles McCartan, Eoin Cunningham*		**197 – THE SOFT SKILLS GAP IN ENGINEERING EDUCATION: EMPLOYER EVIDENCE FROM EAST KAZAKHSTAN** *Oxana Denissova, Zhadyra Konurbayeva Madina Yussubaliyeva*				
181 – EMPOWERING ICT STUDENTS AS LIFE-LONG LEARNERS THROUGH AUTHENTIC PROJECTS *Nico Kranni*		**204 – A TEACHING MODEL APPLIED TO FUNCTIONAL ASSESSMENT CLASSES IN PHYSIOTHERAPY** *Jalusa Andréia Storch Díaz, Aldo André Díaz-Salazar Emerson Nobuyuki Itikawa Svante Gunnarsson*				

Tuesday 23rd June 13:00-14:30

5A - Roundtable 1	5B - Roundtable 2	5C - Roundtable 3	5D - Roundtable 4	5E - Roundtable 5	5F - Roundtable 6
Room: TBC	Room: TBC	Room: TBC	Room: TBC	Room: TBC	Room: TBC
121 - ASSESSING LEARNING IN COURSES FOR WORKING PROFESSIONALS *Madelene Zetterlind* *Stefan Brolin* *Cecilia Sönström* *Christina Keller*	**153 - FUTURE OF CDIO ROUNDTABLE – IMPROVING THE DRAFT CDIO STANDARDS FRAMEWORK** *Juha Kontio* *Reidar Lyng*	**166 - PROGRAM-DRIVEN STRATEGIES FOR WORK-INTEGRATED LEARNING** *Anita Nordeng Jakobsen* *Eva Holmquist Falch* *Kari Helgetun Langfoss* *Ida-Johanne Jensen*	**175 - FROM VISION TO ACTION: DESIGNING EFFECTIVE CULTURE CHANGE IN ACADEMIA** *Stefan Brolin* *LisaBeth Sundström*	**155 - DO PUBLIC PERCEPTIONS OF PROFESSIONAL ENGINEERING INFLUENCE WHO BECOMES AN ENGINEER?** *Abby Blackman*	**213 - WEAVING THE GOLDEN THREAD THROUGH ENGINEERING PROGRAMMES TO ENHANCE STUDENT ENGAGEMENT** *Rose Byrne* *Louise Pick* *Charles McCartan* *Geoff Cunningham*
150 - WHEN IS HANDS-ON LEARNING WORTH THE EFFORT? *Marta Gavioli*	**196 - CHALLENGES WITH DESIGN-IMPLEMENT EXPERIENCES IN DISTRIBUTED ENGINEERING EDUCATION** *Reidar Lyng* *Ole K. Solbjørg*	**167 - STRENGTHENING CDIO PRACTICE WORLDWIDE: A COMPETENCY FRAMEWORK AND DEVELOPMENT PATHWAY** *Reidar Lyng* *Elizabeth Keller* *Saida Mraihi* *Mark Nivan Singh*	**176 - FROM STANDARDS TO STRATEGY: PROGRAM-LEVEL EVALUATION USING CDIO-ALIGNED ASSESSMENT INSTRUMENTS** *Marisol Rico Cortez* *Géza Fischl*	**209 - ADDING FORMATIVE FEEDBACK TO A BACHELOR ENGINEERING CURRICULUM** *Lisa Gommer* *Wim de Boer*	**221 - DATA-INFORMED ASSESSMENT AND FEEDBACK FOR MULTIDISCIPLINARY CAPSTONES** *Suhaib Al Basit* *Abdulaziz Alaswad*

Tuesday 23rd June 15:00-16:30

6A – Podium: Design–Build–Test and Experiential Learning		6B – Podium: AI, Assessment and Academic Integrity		6C – Podium: Integrated Learning Design and Emerging Educational Frameworks	
Room: TBC	Session Chair: TBC	Room: TBC	Session Chair: TBC	Room: TBC	Session Chair: TBC
113 – BEYOND DEMONSTRATIONS: STUDENT LED LEARNING LABORATORIES THROUGH A CDIO LENS *Louise Pick, Charles McCartan, Angena Panaser, Geoff Cunningham*		**104 – APPRAISING CDIO STANDARDS FOR GUIDING RESPONSIBLE GEN AI USE IN CURRICULUM DESIGN.** *Sin-Moh Cheah*		**124 – BEYOND LINEAR CDIO: PROCESS PATTERNS IN RENOVATION-ORIENTED ARCHITECTURAL ENGINEERING EDUCATION** *Géza Fischl*	
188 – LEARNING OUTCOMES OF DIGITAL TWINS IN ENGINEERING EDUCATION: A SYSTEMATISED REVIEW *Isabella Coombs, Danielle Soban Charles McCartan*		**157 – ASSESSING STUDENTS OR THEIR AI TEAMMATE? CASE STUDIES IN THE GAI ERA** *Jens Bennedsen, Joo Ghee Lim Mark Nivan Singh, Mika Suutari, Reidar Lyng Siegfried Rouvrais*		**165 – AN INTEGRATED ASSESSMENT FRAMEWORK FOR PROFESSIONAL SKILLS DEVELOPMENT LEVERAGING PRODUCTIVE FAILURE INTERVENTIONS** *Zulkifli Mohd Din*	
211 – BEYOND THE CLASSROOM: LONGITUDINAL EVIDENCE FROM A DECADE OF CHALLENGE BASED LEARNING *Mireia Sierra Andrés, Matteo Di Stasi Ramon Bragos Bradia*		**135 – REFRAMING PROFESSIONAL LEARNING ASSESSMENT IN THE AI ERA** *Toh Yen Pang, Alex Kootsookos Chi Tsun Cheng*		**141 – DISCOVERING ASSESSMENT CATEGORIES FOR LEARNING DIARIES: AI-ASSISTED FORMATIVE FEEDBACK IN ENGINEERING EDUCATION** *Salu Ylirisku, Tua Björklund*	
172 – EVALUATING COGNITIVE, PSYCHOMOTOR, AND AFFECTIVE OUTCOMES IN CDIO "MECHANICS OF MATERIALS" *Ariunbolor Davaa, Ganbat Danaa Naidandorj Radnaa, Tserenchimed Purevsuren Erdenekhuu Norinpel, Tumendelger Munkhuu*		**164 – SELF-PACED ASSESSMENT APPROACH COMBINING ROBUSTNESS AGAINST AND LEARNING WITH GENERATIVE AI** *Guttorm Sindre Gabrielle Hansen*		**116 – SPARK FRAMEWORK FOR HUMAN-CENTRED GENERATIVE ARTIFICIAL INTELLIGENCE INTEGRATION IN CDIO EDUCATION** *Katerina Yang, Mark Nivan Singh Xin Hui Ng*	
192 – SUPPORTING STUDENT TEAMS TACKLING WICKED PROBLEMS: INTRODUCING CARDS OF AMBIGUITY *Eva Kalmar, Wenyi Chu Yiwei Tao*		**217 – SIMULATION-DRIVEN RESILIENCE: FROM CDIO TO CDI'S' ASSESSMENTS TO OUTSMART AI SHORTCUTS** *Alix Vargas, Aland Escudero Ankith Kamalakshi-Ramesh Thomas Baker*		**133 – AI CAPABLITY CULTIVATION SYSTEM FOR APPLICATION-ORIENTED INNOVATIVE TALENTS BASED ON OBE+CDIO** *Yong YAN, Xuejun Liu, Weiwei Wang Yonghao Wu, Yinan Jiang Ziwei Dong*	

Tuesday 23rd June 15:00-16:30 continued

6D - Workshop	6E - Workshop
Room: TBC	Room: TBC
144 - VIBE CODING PEDAGOGICALLY SOUND EDUCATIONAL APPS WITH AI *Abboy Verkuilen*	**184 - A SERIOUS GAME TO LEARN HOW TO CDIO IN INTERCULTURAL CONTEXTS** *Lydia Bedourey*

Wednesday 24th June 10:30-12:00

7A – Podium: Sustainability in Curriculum and Education Design		7B – Podium: Curriculum Design, Reform and Programme Structures		7C - Workshop	7D - Workshop
Room: TBC	Session Chair: TBC	Room: TBC	Session Chair: TBC	Room: TBC	Room: TBC
109 – CDIO AND GEN AI FOR SUSTAINABLE DEVELOPMENT: DESIGN PRINCIPLES AND ENHANCED SELF-EVALUATION *Sin-Moh Cheah*		**222 – INTEGRATING RESEARCH-BASED LEARNING INTO THE CDIO FRAMEWORK** *Fadi Alkhatib, Isam Zabalawi, Vladimir Simovic*		**115 - BEYOND GRADES: WHAT SHOULD A LEARNING DASHBOARD SHOW?** *Ines Uriol Balbin* *Marta Gavioli*	**186 - AUTHENTIC LEARNING IN ENGINEERING EDUCATION: PRACTICES, CHALLENGES, AND OPPORTUNITIES** *Geoff Cunningham* *Charles McCartan* *Louise Pick* *Kathryn Fee*
122 – SUSTAINABILITY CONSIDERATIONS IN ENGINEERING CURRICULUM *Kristiina Brusila-Meltovaara* *Susanna Vanhamäki, Sariselia Sore*		**191 – RESTRUCTURING OF ENGINEERING PROGRAMMES IN MECHANICAL ENGINEERING AND INDUSTRIAL DESIGN ENGINEERING** *Andreas Dagman, Mikael Enelund, Jim Brouzoulis, Peter Hammersberg Erik Hulthén, Dan Paulin, Jonas Tuveson*			
161 – INTEGRATING SUSTAINABILITY AND EXPERIENTIAL LEARNING IN BIOMEDICAL ENGINEERING CURRICULUM *Chuen Kum Lee, Kok Kiong Poh*		**160 – A TWO-MODULE APPROACH TO ACHIEVING CDIO STANDARD 4 IN INTRODUCTORY ENGINEERING EDUCATION** *Samat Baigereyev, Alfiya Zakimova Zhadyra Konurbayeva, Darya Surova*			
180 – CULTIVATING SUSTAINABILITY MINDSETS IN MECHANICAL ENGINEERING EDUCATION THROUGH DESIGN-IMPLEMENT EXPERIENCES *Kim-Fai Soh, Sin-Moh Cheah*		**206 – ORCHESTRATING CDIO-ALIGNED LEARNING TASKS THROUGH A COURSE-TYPE–DRIVEN ASSIGNMENT FRAMEWORK** *Vairavel Gurusamy* *Deiva Sundari P, Siva Kumar M*			
183 – EMBEDDING TRANSVERSAL AND SOCIETAL SKILLS IN AEROSPACE ENGINEERING PROGRAMME: BACHELOR CURRICULUM REVISION *Mariana Cruz, Daniël Peeters, Angelo Cervone Rene van Passen, Éva Kalmár, Joris Melkert*		**214 – STUDENTS LOVE COURSE STRUCTURE** *Peter Hammersberg*			

Wednesday 24th June 13:00-14:30

8A – Podium: Sustainability, Design and Real-World Applications		8B – Podium: Learning Environments, Labs and Simulation		8C - Workshop	8D - Workshop
Room: TBC	Session Chair: TBC	Room: TBC	Session Chair: TBC	Room: TBC	Room: TBC
134 – MODEL PATHWAY IN CHEMICAL ENGINEERING TO DEVELOP STUDENTS' SUSTAINABILITY MINDSET USING CDIO *Sin-Moh Cheah*		**101 – INCORPORATING AN INTEGRATED DEVELOPMENT ENVIRONMENT TO TEACH NUMERICAL METHODS** *Desmond Adair, Kairat Ismailov, Martin Jaeger*		**145 - CREATING AI PERSONAS FOR EDUCATION USING PREPARED4ED FRAMEWORK** *Abboy Verkuilen*	**131 - DESIGNING TRANSDISCIPLINARY BACHELOR ENGINEERING CURRICULA: BALANCING FOUNDATIONS AND INTEGRATION** *Mahsa Sajedi* *Remon Rooij*
162 – INTEGRATING AOP RESEARCH INTO ENVIRONMENTAL ENGINEERING EDUCATION: A CDIO-BASED CASE STUDY *Anh-Quang Dao, Truc-Xuyen Nguyen-Phan Xuan-Dieu Nguyen-Thi*		**139 – USING PULL REQUESTS TO MAKE COLLABORATION VISIBLE IN CDIO PROJECT-BASED COURSES** *Helga Ingimundardóttir*			
169 – LABORATORIES AND MAKERSPACES AS LEARNING PARTNERS IN USER-CENTRED DESIGN COURSES *May Lim, Robin Au*		**171 – PUTTING THE 'TECH' BACK INTO TEACHING TECHNICAL FUNDAMENTALS – UTILISING THE CDIO APPROACH** *Katie Harte, Adam Richmond, Stephen Darragh, William Larmour, Scott Millen, Jonathan Preshaw, Conor Doherty, Mervyn Barr, Issac Forsythe, Karl Nash, Thomas Moon, Jose Rico Mourenza, Troy Patterson, John Carberry, Robert Vaughan, Louise Pick, Charles McCartan*			
205 – PROJECT-BASED LEARNING APPROACH FOR LOW COST ECG CONSTRUCTION AND CARDIOVASCULAR HEALTH OUTREACH *Emerson Nobuyuki Itikawa, Aldo André Díaz-Salazar, Jalusa Andréia Storch Díaz, Svante Gunnarsson*		**193 – IMPLEMENTING THE CDIO FRAMEWORK IN DATA-DRIVEN ENGINEERING CONTEXT: A COURSE-LEVEL CASE STUDY** *Ebru Turanoglu Bekar, Ida Gremyr Kristina Henricson Briggs, Anders Skoogh Jon Bokrantz,*			
182 – BRIDGING KNOWING AND DOING THROUGH HABIT FORMATION IN CDIO EDUCATION *Yslam Orazov, Nurjemal Bayramova, Dayanch Nazarov, Gurbanmyrat Mezilov*		**212 – ENGINEERING EMPATHY: USING PERSON CENTRED SIMULATION TO FOSTER INCLUSIVITY IN ENGINEERING DESIGN** *Kathryn Fee, Aislinn McAleenan Matthew Cairns, Gerard Gormley*			

Wednesday 24th June 15:00-16:30

9A – Podium: Student Development, Mindsets and Learning Experience		9B – Podium: Faculty Development		9C - Workshop	9D - Intro Workshop 4
Room: TBC	Session Chair: TBC	Room: TBC	Session Chair: TBC	Room: TBC	Room: TBC
136 - INTEGRATED CDIO-BASED ASSESSMENT FRAMEWORK FOR CAD/CAM COURSES DEVELOPING PROFESSIONAL MECHANICAL ENGINEERING COMPETENCIES *Sivaprakasam Rajakarunakaran* *Britto J Jerold John, L Ganesan*		**105 - STANDARD FOR CONTINUAL FACULTY DEVELOPMENT: INNOVATING TEACHING AND LEARNING WITH GEN AI** *Sin-Moh Cheah*		**189 - WHICH CURRICULUM PERSPECTIVES HAVE YOU COLLECTED OVER THE YEARS?** *Suzanne Cecilia Brink*	**Introduction to CDIO 4: CDIO Collaboration and Community** *Juha Kontio* *Nicoleta Maynard*
152 - MATHEMATICS LEARNING BELIEFS OF FIRST-YEAR ENGINEERING STUDENTS *Jonathan Cole*		**207 - FACULTY PROFESSIONAL DEVELOPMENT IN CDIO DURING CURRICULUM REFORM AT A CAMBODIAN UNIVERSITY** *Sokha Heng, Siteng Tieng* *Sin-Moh Cheah, Mark Nivan Singh*			
187 - LINKING STUDENT ATTENDANCE TO COURSE RESULTS *Anna-Jonna Juth, Johanna Söderberg* *Fredrik Byström, Peter Hammersberg* *Erik Hulthén*		**208 - BRIDGING THE EVALUATION-INCENTIVE GAP: A NATIONAL SURVEY OF FACULTY COMPETENCY AND DEVELOPMENT** *Tsenguunjargal Agvaantseren* *Ariunbolor Davaa, Zagdkhorol Bayasgalan* *Zorigt Dashjaa*			
220 - THE EFFECT OF PERCEPTIONS OF COURSE EXPERIENCE OMINDSETS THROUGH POSITIVE AFFECTN ENTREPRENEURIAL *Jun Cui*					

Thursday 25th June 08:30-10:00

Campus Tours – Locations TBC

Thursday 25th June 10:30-13:00

- Special Keynote
- CDIO Academy presentations
- Working Group presentations
- Closing Ceremony