

TIME SLOTS FOR PRESENTATIONS AND ACTIVITIES

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<https://www.ntnu.edu/cdio>

ID	Title	Authors	Track	Type	Session time	Duration	Room
1	Lifelong Learning at Engineering Institutions: Barriers and Enablers	Jens Bennedsen and Geir Øien	Activities	Working Group	Mon 26.6. 0930-1600		R4 (EU1-109)
2	Challenge-based Learning: A Case Study in Computer Aided Engineering	Salim Mohamed Salim	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
3	Education as Complex System: Need for More Forward-looking CDIO Program Evaluation	Sin Moh Cheah	Advances in CDIO	Podium	Wed 28.6. 1430-1600	30	R1 (CU1-101)
4	Developing a Didactic Foundation for the TECH Faculty at Aarhus University	Geir Øien and Jens Bennedsen	CDIO Implementation	Podium	Thu 29.6. 1100-1200	20	R1 (CU1-101)
5	Reflections about Reflections	Svante Gunnarsson, Urban Forsberg and Daniel Axehill	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R7 (AU1-105)
7	Student-driven Engineering Education: Design Your Own Living Lab Case	Toine Andernach, Anita van Oosten and Remon Rooij	Activities	Workshop	Mon 26.6. 0930-1130		R22 (BU2-153)
8	A Framework for a Sustainability Transition of Two Engineering Master's Courses	Anders Adlemo	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R7 (AU1-105)
9	Is My Master Thesis Research Project Sustainable? Including Sustainability in "Research Methodologies"	Ines Uriol Balbin	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R7 (AU1-105)
10	Chemical Engineering Education: Pedagogy for Learning from Failure in Process Plant Operations	Sin Moh Cheah	CDIO Implementation	Podium	Thu 29.6. 1100-1200	20	R5 (BU1-100)

11	Networking Change Leader - New Role for a Program Director in Engineering Education	Magnus Andersson	Engineering Education Research	Podium	Tue 27.6. 1300-1430	30	R1 (CU1-101)
12	From University to Work: Alumni Viewpoints	Helena Kovacs, Iris Capdevila, Isabelle Lermigeaux-Sarrade and Patrick Jermann	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R9 (AU1-101)
13	The Nature of Progression between Yearly Project Courses	Camilla Björn, Kristina Edström, Liv Gingnell, Joakim Lilliesköld and Marie Magnell	Engineering Education Research	Podium	Wed 28.6. 1430-1600	30	R9 (AU1-101)
14	Python4All	Freek Pols and Gary Steele	Activities	Roundtable	Thu 29.6. 1100-1200		R22 (BU2-153)
16	Blended POGIL and Developer Blog Learning for Senior Project Implementation	Masoodhu Banu N.M, Deepa Beeta Thiyam and Padmanabha Sarma A	CDIO Projects in Progress	Podium	Tue 27.6. 1500-1630	15	R5 (BU1-100)
17	Inquiry, the Scientific Tool for All Instructional Methodologies	Masoodhu Banu N.M, Padmanabha Sarma A and Deepa Thiyam	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R7 (AU1-105)
18	Creating Creative Engineers: Embedding Project Based Learning Throughout an Engineering Curriculum	Ahmed Tamkin Butt, Arooj Siddiqui and Edward William Causton	CDIO Projects in Progress	Podium	Tue 27.6. 1500-1630	15	R7 (AU1-105)
19	Skills Assessment in Innovation and Entrepreneurship Education Initiatives	Alessandra Scroccaro, Jeanette Engzell, Charlotte, A. Norrman, Milena Bigatto and Cia Lundvall	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R5 (BU1-100)
20	Training Future Skills - Sustainability, Interculturality & Innovation in a Digital Design Thinking Format	Linda Steuer-Dankert	CDIO Implementation	Poster	Tue 27.6 1015-1030 + 1100-1200	20	Mingling area
21	Scaling up Project-based Learning in Engineering beyond 100 BSc Students: A Practical Approach	Claas Willem Visser and Cornelis Venner	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R7 (AU1-105)

23	Pneumatics Laboratory Interactive Educational Experience Development	Ivanna Sandyk, Margus Määr, Vladimir Kuts, Yevhen Bondarenko, Simone Luca Pizzagalli and Tiia Ruutmann	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R1 (CU1-101)
24	Developing Mastery in Digital Age: Learning from Deliberate Failure	Sin Moh Cheah and Thijs Willems	Activities	Working Group	Mon 26.6. 0930-1600		R73 (E4-103)
26	Value of Being in CDIO - Your Expectations on CDIO?	Juha Kontio and Helene Leong	Activities	Roundtable	Thu 29.6. 1100-1200		R2 (CU1-100)
27	Embedding the Social Sciences in Engineering Education: Collaboration with a Politics Degree	Susan Kenyon	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R9 (AU1-101)
29	Teaching Engineering as a Design Science	Remon Rooij and Linette Bossen	Engineering Education Research	Podium	Wed 28.6. 1430-1600	30	R5 (BU1-100)
30	Curriculum Agility Working Group: The Self-Mapping Pilot	Suzanne Brink and Carl Johan Carlsson	Activities	Working Group	Mon 26.6. 0930-1600		R10 (D5-171)
31	Peer-to-Peer Support – CDIO Activity to Share and Learn	Juha Kontio, Helene Leong, Jens Bennedsen, Sin Moh Cheah, Nicoleta Maynard, Paul Hermon and Sarah Junaid	Activities	Workshop	Thu 29.6. 0900-1000		R2 (CU1-100)
32	Curriculum Agility as Optional CDIO Standard	Suzanne Brink, Carl Johan Carlsson, Mikael Enelund, Kristina Edström, Elizabeth Keller, Reidar Lyng and Charlie McCartan	Advances in CDIO	Podium	Wed 28.6. 0900-1030	30	R1 (CU1-101)
35	Designing the University of the Future – an International Perspective	Chantal Brans, Marcello Sala, Ines Lopez-Arteaga, Isabelle Reymen and Kathinka Rijk	Activities	Working Group	Mon 26.6. 0930-1600		R90 (DU1-146)
36	Designing and Implementing Components for an Autonomous Research Vessel in RDI Course	Amin Majd, Juha Kalliovaara, Tero Jokela and Jarkko Paavola	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area

37	Blended Laboratories for Joining Technology	Snanram Sneikni, Konstantin Bronstein, Eduard Mayer, Robert Langer, Azadeh Reise and Christian Stöhr	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R5 (BU1-100)
38	Educating for Integrity: Blending the Liberal Arts and Humanitarian Engineering	Jeff Frank, Nikola Petrova, Peter Chemweno and Alberto Martinetti	CDIO Projects in Progress	Podium	Tue 27.6. 1500-1630	15	R2 (CU1-100)
39	Group Practices in a Collaborative Design Project – a Video-ethnographic Study	Jonte Bernhard, Jacob Davidsen and Thomas Ryberg	Engineering Education Research	Podium	Thu 29.6. 0900-1030	30	R7 (AU1-105)
40	CDIO and Competency-based Learning Approaches Applied Together to Military Engineering Education	Andre Luiz Tenorio Rezende, Carlos Frederico de Matos Chagas, Gustavo Simao Rodrigues and Suzana Marly da	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R1 (CU1-101)
41	Embedding Sustainability and Ethical Competences into Engineering Education Following CDIO	Juhani Angelva, Maisa Mielikäinen and Tauno Tepsa	CDIO Implementation	Podium	Thu 29.6. 1100-1200	20	R5 (BU1-100)
42	Development of Simulation Tools to Enhance the Real-world Connections for Active Learner	Hiromasa Ohnishi	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R5 (BU1-100)
43	The KTH Guide to Scientific Writing: Sparking a Conversation about Writing	Jane Bottomley, Jamie Rinder and Susanna Zeitler Lyne	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R7 (AU1-105)
44	Exploring Spatial Skills in Engineering Education	Meryn McNea, Reena Cole, David Tanner and Diarmaid Lane	Activities	Workshop	Wed 28.6. 0900-1030		R23 (BU2-117)
47	The Student Flight Data Recorder – Building a Culture of Learning from Failure	Calvin Rans, Julie Teuwen and Helena Momoko Powis	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R5 (BU1-100)
48	The Green Energy Transition - a Case for Lifelong Learning	Jerker Björkqvist, Magnus Hellström, Andrei Morariu and Janne Roslöf	Engineering Education Research	Podium	Thu 29.6. 0900-1030	30	R9 (AU1-101)

50	Handbook to Guide Members on Organizing Key CDIO Activities	Mark Singh, Sin Moh Cheah, Helene Leong, Janne Roslöf and Juha Kontio	Activities	Roundtable	Tue 27.6. 1500-1600		R23 (BU2-117)
51	Advancing CDIO Competencies for Technicians – a Professional Development Framework	Mark Nivan Singh, Sin Moh Cheah and Helene Leong	CDIO Projects in Progress	Podium	Wed 28.6. 1100-1200	15	R7 (AU1-105)
52	Project Seminar – Reconstructing the Capstone Project Process	Liviu Gal, Gabriela Dorfman Furman and Zeev Weissman	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R9 (AU1-101)
53	Games and Gamification in CDIO	Marcus VINICIUS Pereira Pessoa, Klaasjan Visscher, Guido Bruinsma and Verena Schulze Graiving	Activities	Roundtable	Wed 28.6. 1430-1530		R23 (BU2-117)
54	Experiences on the Creation of a Multi-disciplinary Course in a Metaverse Environment	Erna Kontio, Werner Ravise, Teppo Saarenpää, Emiliana Pizarro-Lucas, Ignacio Dorado-Diaz, Pedro L. Sanchez, Timo Haavisto and Mika Luimula	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R5 (BU1-100)
55	A Design-implement Experience within Computer Vision	Aldo André Diaz-Salazar and Svante Gunnarsson	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R7 (AU1-105)
56	Online Courses for Teaching Engineering Professionalism	Aseel Berglund	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R1 (CU1-101)
58	Development of Meaningful Lesson Using LXD Methodology for an Engineering Module	Meijun Zhao, Edwin Foo, Flex Tio and Siew Wee Kwek	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R5 (BU1-100)
59	Mechanised Bridges: Development of a Novel, Multidisciplinary, Design and Build Project	Scott Wordley, Michael Crocco, Veronica Halupka and Tony Vo	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R7 (AU1-105)
61	Fusing Programming and Thermodynamics in a First Year Engineering Course	Maria Sigridur Gudjonsdottir	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R5 (BU1-100)

62	Campfire Talk a Serious Game for Coaching Conversations between Peers	Pleun Hermsen, Sjoerd Van Dommelen and Paula Hueso Espinosa	Activities	Workshop	Mon 26.6. 1200-1300		D1-185
64	Building up the Relevance in Economics Education and Assessing Its Effect	Yu-Chen Kuo	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R1 (CU1-101)
65	VUCA and Resilience in Engineering Education – Lessons Learned	Siegfried Rouvrais, Ann-Kristin Winkens, Carmen Leicht-Scholten, Haraldur Audunsson and Cecile Gerwel Proches	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R9 (AU1-101)
66	Creating Authentic, Interdisciplinary, Engaging Undergraduate Laboratories	Joanne Tanner	Activities	Roundtable	Tue 27.6. 1300-1400		D1-185
67	Case Study on Integrated Curriculum Using Spiral Curriculum Model for Chemical Engineering	Katerina Yang, Ai Ye Oh, Siew Teng Phua and Yunyi Wong	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R1 (CU1-101)
68	A CDIO Approach to Teach Sustainability in Architecture	Ho Yenn Giin and Leong Yiat Yam	CDIO Implementation	Poster	Tue 27.6 1015-1030 + 1100-1200	20	Mingling area
69	Integrating Interdisciplinary Education in Artificial Intelligence and Engineering Systems Curriculum	Sonia M. Gomez Puente and Karolina Doulougeri	CDIO Projects in Progress	Podium	Tue 27.6. 1500-1630	15	R1 (CU1-101)
70	HANDZONE: Towards a Hybrid Learning Space for Hands-on Learning Activities	Serdar Asut	CDIO Projects in Progress	Podium	Wed 28.6. 1100-1200	15	R1 (CU1-101)
71	Implementing the Challenge Based Learning Approach Workshop	Masoumeh Shahverdi, Fiona O'Riordan, Yihan Xing and Timothy James Marshall	Activities	Workshop	Mon 26.6. 0930-1130		R2 (CU1-100)
73	Tangibles and Transversal Skills to Integrate Sustainability in Teaching	Nataschia Petringa and Ingrid Le Duc	Activities	Workshop	Mon 26.6. 1400-1600		R22 (BU2-153)

74	Student Reflective Practice as Part of Engineering Programmes	Gareth Thomson and Klara Kovesi	Engineering Education Research	Podium	Tue 27.6. 1300-1430	30	R7 (AU1-105)
75	Who am I Learning to Become? Integrating Personal Development in Curriculum Design	Nina Bohm, MaartenJan Hoekstra, Leo PJ van den Burg and Milou Reincke	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R2 (CU1-100)
76	Interdisciplinary Collaboration to Make Mathematics Relevant and Engaging for STEM Students	Ernest Ampadu, Salim Mohamed Salim, Hanne Deprez and Elizabeth Keller	Activities	Workshop	Wed 28.6. 1430-1600		R2 (CU1-100)
78	Induction Diamond Labs - Giving Everyone an Equal Starting Point	Joanna Bates, Andrew Garrard and Edward Browncross	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R5 (BU1-100)
79	The CDIO Standards' Agility	Suzanne Brink, Elizabeth Keller, Reidar Lyng and Sonia M. Gomez Puente	Activities	Roundtable	Tue 27.6. 1500-1600		R22 (BU2-153)
82	Conceiving, Designing and Implementing the Mechanics Teachers Social Club	Marta Gavioli and Grant Roy Penny	CDIO Implementation	Podium	Thu 29.6. 1100-1200	20	R1 (CU1-101)
84	Evaluating the Use of ITP Metrics in Supporting Teamwork	Tony Topping, Matt Murphy and Samuel Saunders	CDIO Implementation	Poster	Tue 27.6 1015-1030 + 1100-1200	20	Mingling area
85	Enhanced Assessment and Learning through Adaptive Comparative Judgement	Tony Topping, Matt Murphy and Samuel Saunders	CDIO Implementation	Poster	Tue 27.6 1015-1030 + 1100-1200	20	Mingling area
86	An Introductory Reverse Engineering Project to Enhance Teaching Staff and Student Competence	Ahmed Tamkin Butt and Xzara C. Foster	CDIO Implementation	Podium	Wed 28.6. 1100-1200	20	R7 (AU1-105)
88	Entrepreneurship in Engineering Programs: A Methodology for Systematic Literature Review	Saul Garcia Huertes and Ramon Bragos	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R7 (AU1-105)

89	Correlation Study between the Performance in Different Engineering Courses and Project-based Courses.	Sandra Bermejo, Ramon Bragos, Francesc Rey and Josep Pegueroles	Engineering Education Research	Podium	Wed 28.6. 0900-1030	30	R9 (AU1-101)
91	Reflection in Engineering Education: From Afterthought to Context Specific	Pleun Hermsen, Sjoerd Van Dommelen and Paula Hueso Espinosa	Activities	Workshop	Mon 26.6. 1400-1600		D1-185
94	Engineering Minor in Architecture, a Model for Interdisciplinary Specialization and Contextual Learning	Reidar Lyng, Anders Ronnquist, Bendik Manum and Simen Dalen Taraldsen	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R1 (CU1-101)
97	Adapting Entrepreneurship Techniques for Creative Technical Course Design	Emily Marasco and Laleh Behjat	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R9 (AU1-101)
98	Integration of Graduate Employability Skills through Industry Outsourced CDIO Project	Soumya Kanti Manna, Nicola Joyce and Anne Nortcliffe	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R1 (CU1-101)
100	Facilitating Staff Implementation of Teamwork Measurement for Engineering-related Project-based Modules	Joo Ghee Lim, Kwee Teck Tan, Safura Anwar and Ser Khoon Toh	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R9 (AU1-101)
101	Case Studies of Integrating Project Based Learning into Polytechnic Engineering Curriculum	EUNICE GON, SIEW WEE KWEK, Wei Sin Ang, Kent Loo, Hengky Chang, Chi Mun Cheah, Ying Li and Eunice Chia	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R1 (CU1-101)
102	Designing an Introductory First-year Course for an Electronics Engineering Program	Mario Medina	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R5 (BU1-100)
103	Scaffolding Learning to Foster Students' Sustainability Competencies and Attitudes through Projects	Chew Lin Chia, Joo Ghee Lim, Kwee Teck Tan and Ser Khoon Toh	CDIO Projects in Progress	Podium	Tue 27.6. 1500-1630	15	R5 (BU1-100)
107	What is Multi-perspective Collaboration and How Can Students Learn It?	Mette Mari Johnsen, Elli Verhulst and Bjørn Sortland	Activities	Workshop	Thu 29.6. 1100-1200		R23 (BU2-117)

108	Embodying Ideas in Teams Education	Shota Matsunashi, Takuro Iton, Takashi Morinaga, Hiromasa Ohnishi, Sou Takahashi, Hiroyuki Arafune and Ryo Satoh	CDIO Projects in Progress	Podium	Tue 27.6. 1500-1630	15	R7 (AU1-105)
110	Learning Environments Supporting the Development of Resilient and Innovative Problem Solvers	Mari Ketola, Anne Norström and Piia Nurmi	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
111	Changing the Fabric of Engineering Identity through Textile Fabrication	Veronica Halupka, Kathy Petkoff and Scott Wordley	Activities	Roundtable	Wed 28.6. 1100-1200		D1-185
112	Python in a Week – Conceptual Tests for Learning and Course Development	Christopher Blocker, Thomas Mejtoft and Nina Norgren	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R7 (AU1-105)
113	Design and Evaluation of Basic Exercise Environment for Virtual Laboratory	Tomoharu Kaeriyama, Jun Sato and Satoru Yamada	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
114	How Can We Prepare Teachers for Increasingly (Culturally) Diverse Classrooms?	Becky Bergman and Lena Peterson	Activities	Workshop	Mon 26.6. 0930-1130		R23 (BU2-117)
116	Training Students for Tutor Roles in Challenge-based Learning	Jan Veen, Bart van Esch, Bjørn Sortland, Hanne Rustad, Siara Isaac and Roland Tormey	Activities	Workshop	Mon 26.6. 1200-1300		R2 (CU1-100)
117	Promoting Curriculum Agility through Project-Based Learning: Case of the Australian University (Kuwait)	Hassan Salti, Hania Ghazi El-Kanj, Fadi Alkhatib and Mohammed Abdul-Niby	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R1 (CU1-101)
118	Online and Blended Labs for Practical Mechanical Engineering	Christian Storr, Veronica Olesen, Shahram Sheikhi, Robert Langer, Vladimir Kuts, Margus Määr, Antti Nousiainen, Ari Putkonen	Engineering Education Research	Podium	Wed 28.6. 1100-1200	30	R1 (CU1-101)
120	Sustainable Aircraft Design in Engineering Education: Conceive, Design, Implement, and Operate Virtually	Alexander Somerville, Luke Pollock, Keith Joiner, Timothy Lynar and Graham Wild	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R7 (AU1-105)

121	Enabling Learning and Competence Development of Students in Extracurricular Environments	Ana M. Valencia, Chantal Brans, Isabelle Reymen, Eugenio Bravo Cordova, Bart Koppelmans and Jan van der Veen	Activities	Workshop	Wed 28.6. 1100-1200		R2 (CU1-100)
122	Visualizing Extracurricular Student Teams Learning at TU/e Innovation Space with CDIO Syllabus	Eugenio Bravo Cordova, Ana M. Valencia, Isabelle Reymen and Jan van der Veen	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R7 (AU1-105)
123	Student-centered Learning Activities for Key Sustainability Competencies in Online Courses with Many Students	Johan Berg Pettersen and Ulrika Lundqvist	Engineering Education Research	Podium	Wed 28.6. 1430-1600	30	R7 (AU1-105)
127	Bringing Reflective Writing to the Engineering Classroom	Marcel Kyas, Joseph Timothy Foley and Markéta Foley	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R7 (AU1-105)
130	Creating and Deploying an Electronic Engineering Master Program Based on CDIO Framework	Binh Dac Ha and Truong Van Truong	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R1 (CU1-101)
133	Perception of Students and Instructors on Virtual Learning: A Case of DTU	Hang T.N. Ha, Anh Duc Bui, Tan Tran and Van Thu Van	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
135	Meeting Challenges with Challenge-based Learning - a CDIO Context	Fredrik Backlund, Jeanette Engzell, Svante Gunnarsson, Erik Hulthen, Malin Kjellberg, Cia Lundvall, Johan Malmqvist	Activities	Workshop	Mon 26.6. 1400-1600		R2 (CU1-100)
137	Practice-based Engineering Design for Next-Generation of Engineers: A CDIO-based Approach	Salman Saeidlou, Nikdokht Ghadiminia, Anne Nortcliffe and Stuart Lambert	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R9 (AU1-101)
138	Framework for the Evaluation of Cybersecurity Curriculum Educational Content	Antti Hakkala, Anne-Maarit Majanoja, Ville Leppänen and Seppo Virtanen	CDIO Implementation	Podium	Tue 27.6. 1300-1430	20	R1 (CU1-101)
139	Motivation for Continuous Software Engineering Expertise Development through Lifelong Learning	Anne-Maarit Majanoja, Antti Hakkala, Seppo Virtanen and Ville Leppänen	Engineering Education Research	Podium	Wed 28.6. 1100-1200	30	R5 (BU1-100)

140	Hybrid Education – a Critical Review into Challenges and Opportunities	Anders Adilemo, Amjad Zaki Khalil Al-Musaed, Patrick Conway, Åsa Hansen and Marisol Rico Cortez	Engineering Education Research	Podium	Thu 29.6. 0900-1030	30	R1 (CU1-101)
141	On the Realization of Restrictions-free Active Classrooms in the Post-Covid Era	Achyut Sapkota, Natsu Kitagawa, Hiromasa Ogawa and Kanae Tsuchiya	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
144	Microwave Intervention Simulation Teaching Reform Based on CDIO Engineering Education Model	Qi Dong, Xiang Li, Mingbao Zhang, Dongyang Chu, Tingting Zhao and Dongyang Li	CDIO Implementation	Poster	Tue 27.6 1015-1030 + 1100-1200	20	Mingling area
150	Gender Equality, Diversity and Equal Opportunities in Engineering Education	Marie Magnell, Charlotta Delin, Anders Rosén, Gunnar Tibert and Carlos Casanueva Perez	Activities	Workshop	Mon 26.6. 1400-1600		R23 (BU2-117)
152	Developing Introductory Courses Integrating Sustainability for Program Progression	Chirag Trevedi, Reidar Lyng and Geir Asle Owren	Activities	Roundtable	Tue 27.6. 1300-1400		R22 (BU2-153)
154	Virtual Simulation Teaching Exploration of Endotracheal Intubation Led by CDIO Concept	Mingbao Zhang, QingHui Wang, Xiang Li, Rui Zhang and Yirunhan Pan	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
155	Evaluating and Enhancing the Status of Sustainability in Engineering Programs	Anders Rosén, Eva Liedholm Johnson and Joakim Jalden	Advances in CDIO	Podium	Tue 27.6. 1500-1630	30	R1 (CU1-101)
156	Teaching Reform Practice of "Nursing Practice" System Based on CDIO	Xiang Li, Mingbao Zhang, Xiaoyan Luan, Dongyang Chu and ruiyi Chu	CDIO Projects in Progress	Podium	Wed 28.6. 1100-1200	15	R1 (CU1-101)
162	Comparing XR and Digital Flipped Methods to Meet Learning Objectives	Krys Bangert, Edward Browncross, Matteo Di Benedetti, Harry Day and Andrew Garrard	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
163	A Challenge Based Learning Community for Hydrogen Development and Application	Hans Gelten, Benno Aalderink, Richard van Leeuwen, Mirte Disberg-van Geloven, Stephan Corporaal and Yashar Hajimolana	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R7 (AU1-105)

166	Embedding CDIO Framework in Educational Statistics Courses with Serious Games	Hsin-Yi Kung, Yuan-Hsiu Lin, Chun-Chieh Sun and Ching-Yi Lee	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
167	An Interdisciplinary Mathematics Project on CDIO Framework for Vocational High School Students	Ching-Yi Lee, Yuan-Hsiu Lin, Chun-Chieh Sun and Hsin-Yi Kung	CDIO Projects in Progress	Poster	Tue 27.6 1015-1030 + 1100-1200	15	Mingling area
168	Case-based Learning in Collaboration across Universities to Enhance Students' Understanding of Sustainability	Victor Eriksson, Anne-Maria Holma and Frida Lind	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R9 (AU1-101)
169	How to Teach And/or Learn the Engineering Design Process.	Daniel Spooner and François Rivest	Activities	Roundtable	Wed 28.6. 1100-1200		R22 (BU2-153)
173	How Can We Strengthen Graduates' Sustainability Competence and Mindset?	Anita Nordeng Jakobsen, Sunniva Hoel, Hilde Bjorkhaug, Magnus Strøm Kahrs, Guri Sivertsen Korpas, Jan Ola Strandhagen.	Activities	Workshop	Mon 26.6. 1200-1300		R22 (BU2-153)
175	Engineering or Computer Science, What Is the Deal?	Asrun Matthiasdottir	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R9 (AU1-101)
176	Why Should CDIO-programs and Educators Care about Emotions?	Johanna Lönngren and Roland Tormey	Activities	Roundtable	Wed 28.6. 1430-1600		R10 (D5-171)
177	Lessons Learned from Teaching and Tutoring - Design Thinking for Electrical Engineering Students	Kjell Are Refsvik, Ole Alsos and Torstein Bolstad	Engineering Education Research	Podium	Thu 29.6. 0900-1030	30	R5 (BU1-100)
179	Teaching Competency Development Framework for SRMIST Faculty Members	Rajeev Sukumaran and Vairavel Gurusamy	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R5 (BU1-100)
180	Engineering Technology Students' Self-Regulation: A Baseline	Shandris Tuyuarts, Tinne De Laet, Lynn Van den Broeck and Greet Langie	Engineering Education Research	Poster	Tue 27.6 1015-1030 + 1100-1200	30	Mingling area
181	Lifelong Learning as Explicit Part of Engineering Programmes: A Case Study	Rani Dujardin, Lynn Van den Broeck, Sofie Craps, Greet Langie, Una Beagon, Caitriona De Paor and Aimee Byrne	Engineering Education Research	Podium	Wed 28.6. 1100-1200	30	R5 (BU1-100)

182	Assessment and Feedback across Various Outcomes in Project Courses: A Department-wide Study	Gabrielle Hansen and Guttorm Sindre	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R5 (BU1-100)
183	Engineering Students' Self-regulation Competencies - the Relationship between Perceptions and Summative Scores	Lynn Van den Broeck, Rani Dujardin and Shandris Tuyaearts	Engineering Education Research	Podium	Wed 28.6. 0900-1030	30	R7 (AU1-105)
185	Drone Game That Highlights Ethical and Sustainability Implications of Design Decisions	Siara Isaac, Gianni Lodetti, Jessica Dehler Zufferey and Barbara Bruno	CDIO Implementation	Podium	Thu 29.6. 1100-1200	20	R5 (BU1-100)
187	Student Perspectives on Online Hybrid Learning in an Undergraduate Robotics Course	Erik Kyrkjebo and Martin F. Stoelen	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R1 (CU1-101)
188	Make It Awkward - Equipping Students to Address Microaggressions	Siara Isaac and Vivek Ramachandran	Activities	Workshop	Tue 27.6. 1500-1600		R73 (E4-103)
190	Sustainable Systems Engineering Program: Meeting All Needs within Means of the Planet	Robyn Paul, Marjan Eggermont and Emily Marasco	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R9 (AU1-101)
191	Experiences from Implementing a Scholarship of Teaching and Learning Program for Teachers	Hanne Loeje	CDIO Implementation	Podium	Wed 28.6. 1430-1600	20	R5 (BU1-100)
192	Global Competence Needs: A Comparative Study of Stakeholders' Perspectives on Engineering Education	Tanja Richter, Björn Kjellgren, Elisabet Arnó-Macià and Karen Fleischhauer	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R9 (AU1-101)
199	Develop an Interdisciplinary Course Using the Interdisciplinarity Toolbox	Coralie Johnson, Miles MacLeod, Klaasjan Visscher and Jan van der Veen	Activities	Workshop	Tue 27.6. 1300-1400		R23-(BU2-117)
200	Enabling Lifelong Learning by Using Multiple Engagement Tools	Donatella Puglisi and Guillem Domenech-Gil	CDIO Implementation	Podium	Wed 28.6. 0900-1030	20	R5 (BU1-100)
202	Maximising Academic and Social Outcomes	Jorgen Forss, Neil Cooke, Sarah Chung and Jesper Andersson	CDIO Implementation	Poster	Tue 27.6 1015-1030 + 1100-1200	20	Mingling area
204	Hybrid-mode Teaching: Possibilities and Challenges	Dzamila Bienkowska	Activities	Roundtable	Wed 28.6. 0900-1000		R22 (BU2-153)

206	Examples of Practices Supporting and Illustrating Responsive Curriculum Agility.	Reidar Lyng and Anne Nortcliffe	Activities	Roundtable	Wed 28.6. 1100-1200		R23 (BU2-117)
207	Engineering Learning of Sustainable Product Lifecycle through CDIO	Adil Imam, Nicola Joyce and Anne Nortcliffe	CDIO Projects in Progress	Podium	Tue 27.6. 1500-1630	15	R1 (CU1-101)
209	Integrating Sustainable Development in a Computer Science Program: A Review	Marcia Muñoz, Claudia Martinez-Araneda and Matilde Basso	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R1 (CU1-101)
210	Innovative Teaching-Learning System: CDIO Initiatives in USTP	Aileen Sieras, Amparo V. Dinagsao, Rojien V. Morcilla and Lloyd Jhon B. Estampa	CDIO Implementation	Podium	Thu 29.6. 1100-1200	20	R1 (CU1-101)
211	Integrating Sustainability Thinking in Information Systems – Experiences from an Enterprise Architecture Course	Sobah Abbas Petersen	CDIO Implementation	Podium	Thu 29.6. 0900-1030	20	R9 (AU1-101)
212	Constructivist Principles as Used for Enhancing Active Learning – Case: Engineering Thermodynamics	Nader Ghareeb, Martin Jaeger, Perry R. Hessenauer and Desmond Adair	Engineering Education Research	Podium	Wed 28.6. 1100-1200	30	R7 (AU1-105)
213	Engaging Students Oriented towards Usefulness in a Bildung-oriented Engineering Education	Ronny Kjelsberg and Magnus Kahrs	Engineering Education Research	Podium	Tue 27.6. 1500-1630	30	R2 (CU1-100)
214	Relation between Perception of Course Elements and Overall Impression: Evidence from 4015 Surveys	Alena Khaslavskaya and Ivan D. Sanchez-Diaz	Engineering Education Research	Podium	Tue 27.6. 1300-1430	30	R5 (BU1-100)
216	The Effects of Learning Environments on Student Active Learning	Pasi Aalto, Ole Alsos, Dag Håkon Haneberg, Martin Steinert, Daniel Ege and Ingrid Berg Sivertsen	Engineering Education Research	Podium	Wed 28.6. 0900-1030	30	R5 (BU1-100)