

Friday 29 June 2018 9:00-10:30 KEYNOTE SESSION

Dr. Teri Balsler

Room 23-330/333

Chair Mamoru Mukai

Friday 29 June 2018 10:30 - 11:20 POSTER TEASER SESSION

See the Posters to be presented below (Poster Session K1). The Poster Teaser presentations will take place in order of submission ID (smallest to largest).

Room 23-330/333

Chair Gareth Thomson

Friday 29 June 2018 11:30-12:30 POSTER SESSION K1

Room Building 21 1F Cafeteria

Chair Gareth Thomson

	Paper 3	Paper 13	Paper 14	Paper 15	Paper 19	Paper 20	Paper 26
	CDIO Framework and SkillsFuture: Redesign of Chemical Engineering Curriculum after 10 Years of Implementing CDIO <i>Sin Moh Cheah and Katerina Yang</i>	Experience in the Development of Bachelor's Program "Chemistry" <i>Yuliya Petrova, Ekaterina Sevast'yanova, Viktoria Kraynik, Dmitry Kuzin, Valeria Bezevskaya, Sergey Kosenok and Alexey Drenin</i>	The integration of CDIO Standards in the Application of Project Based Learning as a Hands-on Methodology: An Interdisciplinary Case Study in Production Engineering <i>Sergio Ricardo Mazini, Sueli Leite, Priscilla Aparecida Vieira Moraes, Márcia Maria Teresa Baptistella and Rangel Ferreira do Nascimento</i> CANCELED	A Typology of Engineering Designs in Problem-Based Projects <i>Samuel Brüning Larsen and Per Bigum</i>	The First "UBORA" Design School of Nairobi: A One-Week Intensive and International "CDIO" Experience Centered on Medical Devices <i>Arti Ahluwalia, Carmelo De Maria, June Madete, Andres Diaz Lantada, Licia Di Pietro, Alice Ravizza, Mannan Mridha, Philippa Ngaju Makobore, Juan Manuel Munoz-Guijosa, Enrique Chacon Tanarro and Janno Torop</i>	A Conceive-Design Project in the First Semester of the Engineering Programs at Methodist University of São Paulo <i>Carlos Eduardo Santi and Svante Gunnarsson</i>	"KIT Physics Navigation" Showing Relationship Between High School and University <i>Tomoshige Kudo, Keita Nishioka and Akira Nakamura</i>
K1	Experiences on a CDIO Introductory Project Transfer to a New Teacher <i>Katriina Schrey-Niemenmaa and Antti Piironen</i>	Pedagogical Results: Joint Entrepreneurship Course in Engineering and Business School <i>Aderson Campos Passos, Edson Kenji Kondo, Waldemar Barroso Magno Neto and Carla Danielle Monteiro Soares</i>	Developing e-Learning Material for Physics Laboratory Education <i>Patric Granholm and Hiromasa Ohnishi</i>	Book-App as Course Literature in CDIO-Based Project Courses - Students' Perspectives <i>Erik Hulthén and Panagiota Papadopoulou</i>	The Application of CDIO Standards to Clinical Engineering Education <i>Yoshiyuki Shimizu, Simon Thollar, Yuichi Anada and Naohiko Hayata</i>	CDIO Based Curriculum Design and Development of Undergraduate Program <i>Norinpel Erdenekhuu, Khishigjargal Gonchigsunmaa, Uranchimeg Tungalag and Uuganbayar Purevdorj</i>	Assessment Experience on Program Learning Outcomes <i>Norinpel Erdenekhuu, Ganbold Shagdar and Uranchimeg Tungalag</i>
	Fostering Engineering Thinking through Intelligent Electronic Production Program at NIT Sendai College <i>Kazutaka Baba, Fujiki Nahomi, Tadayuki Hayashi, Yasuhiro Kashiwaba, Koji Kawasaki, Senshi Nasu, Mio Sakuma, Shigeyuki Seki, Jun Sonoda, Takatoshi Suenaga, Testuya Ooizumi and Takahiro Yonamine</i>	Practice and Evaluation of Statistics an Introductory Lecture on Peer Instruction <i>Tetsuya Taniguchi, Tomoshige Kudo, Hidetaka Yamaoka and Makoto Nishi</i>	Implementation of Mutually Supporting Courses and Project-Oriented Learning in "Software Engineering" Bachelor's Program <i>Dmitrii Kuzin, Andrei Zapevalov, Inna Shukurova, Valeriya Bezevskaya and Sergei Kosenok</i>	Report on Active Calculus Course Introduced the Peer Instruction <i>Hidetaka Yamaoka, Makoto Nishi, Tomoshige Kudo and Tetsuya Taniguchi</i>	Research on Curriculum Design of Three-in-One Scientific Writing Based on CDIO <i>Wenxing Xu, Wengang Ji, Bo Dai, Cai Liu and Qianwen Zhang</i>	The Initial Experience of Educational Programs' Modernization within the CDIO Concept in Surgut State University <i>Andrei Zapevalov, Elena Pauk, Larisa Zapevalova, Dmitrii Kuzin and Valeriya Bezevskaya</i>	

14th International CDIO Conference - Kanazawa - Japan
TOPICAL SESSION SCHEDULE

www.kanazawa-it.ac.jp/cdio2018/



KIT

**Kanazawa Institute
of Technology**



ICT

**International College
of Technology
Kanazawa**

Updated 28 June 2018

Friday 29 June 2018 12:30 - 13:30 LUNCH							
Room	Building 21 1F Cafeteria						

Friday 29 June 2018 13:30 - 14:40 PARALLEL SESSION K2						WORKSHOPS K2 - K4	
Session	Introduction to CDIO	Flipped & Blended Learning	Engineering Management	Information & Computing	STEM Education	Workshop (Signup list on the Information Board)	(spare)
Room	23-214	23-218	23-211	23-320	23-323	23-412	-
Chair	Johan Malmqvist	Alexandra Meikleham	Michael L.W. Jones	Juhani Angelva	Annoesjka Cabo	Suzanne Hallenga-Brink (K2 - K3) Alyssa Grocutt (K3 - K4)	-
K2	Introductory Workshop 1 CDIO Essentials - Part 1 Johan Malmqvist	Paper 22 Combining CDIO and Case Study Methodologies in Flipped Classroom Strategies Juan Munoz-Guijosa, Enrique Chacón, Javier Echávarri, Andres Diaz Lantada, Alvaro Guzman Bautista and Jesús De la Peña García De la Tenaza	Paper 36 Waterfall vs. Agile Project Management Methods in University-Industry Collaboration Projects Marika Säisä, Katariina Tiura and Janne Roslöf	Paper 116 Turning Programming into a Relevant Topic for Non-Programming Engineers Erik Berglund and Dennis Persson	Paper 24 Math for Engineering Students Hans Peter Christensen	Paper 28 13:30 - 15:20 Developing a Rubric for Self-Assessment of Curriculum Agility Suzanne Hallenga-Brink, Fredrik Georgsson and Carl Johan Carlsson Maximum participants: 30	-
		Paper 170 Flipped Classroom in the UCSC School of Engineering: Enhancing In-Class Time Claudia Martinez, Marcia Muñoz, Matilde Basso and Claudio Oyarzo	Paper 119 Integration of CDIO Standards to Enhance Students' Entrepreneurial Skills and Knowledge Duong Vu, Sy N Dang and Bao N Le	Paper 153 Teaching Computer Programming Using Gamification Peng Shorn Siew	Paper 45 Building STEM Education Framework Through Networking Collaboration Aleksandr Armutov, Natalia Gafurova, Yaroslav Fadeev and Viktor Dyomin		
		Paper 83 Blended and Project-Based Learning: The Good, the Bad, and the Ugly Alexandra Meikleham, Ron Hugo and Robert Brennan	Paper 105 Searching for Symbiosis: Opportunities and Obstacles in Formula SAE Team/School Administration Relationships Michael L.W. Jones	Paper 142 CDIO Implementation in the ICT Engineering Curriculum – Semester Projects Tauno Tepsa, Maisa Mielikäinen and Juhani Angelva	Paper 136 Active Learning in Redesigning Mathematics Courses for Engineering Students Annoesjka Cabo and Renate Klaassen		
						(continues)	

Friday 29 June 2018 16:10 - 17:20 PARALLEL SESSION K4						WORKSHOPS K2 - K4
Session	Introduction to CDIO	Advances in CDIO	Student-Centered Initiatives	Global Competencies	Learning Outcomes	Continued from K3
Room	23-214	23-218	23-211	23-320	23-323	Teamwork Assessment Tools: Use for Undergraduate Engineering Students <i>Alyssa Grocutt, Thomas O'Neill, Katarina Zivkov, Nicoleta Maynard, Robert Brennan and Simon Li</i>
Chair	Ron Hugo	Alejandra Gonzalez	Antti Piironen	Tomohito Yamamoto	Sarah Junaid	
K4	Introductory Workshop 3 Workshop on Design-Implement Exercises and Workspaces <i>Ron Hugo</i>	Paper 6 Relevance of CDIO to Industry 4.0 – Proposal for 2 New Standards <i>Sin Moh Cheah and Helene Leong</i>	Paper 64 Project Process Management in a Student-Driven Learning Environment <i>Sanna Määttä, Janne Roslöf and Marika Säisä</i>	Paper 151 Add-on Certificate in Global Competence: A Pragmatic Answer to a Challenging Question <i>Björn Kjellgren, Elizabeth Keller and Yoko Takau-Drobin</i>	Paper 80 Structural Equation Modelling of Cognitive Loading in the CDIO Pedagogical Approach <i>Ephraim Zulu and Theodore Haupt</i>	
			Paper 60 AI Assisted Advising for Growth of University Students <i>Takayuki Fukuda, Toshiaki Izumiya, Shinji Takashima, Shoji Takechi and Akane Araki</i>	Paper 38 Integrated Learning for Female Students in Electrical and Electronic Engineering <i>Tomomi Tanioka</i>	Paper 27 360 Degrees Virtual Tour for Educational Purposes. An Exploration on the Design Considerations and Decisions <i>Danielle S. Ceulemans, Renate G. Klaassen, Merle M. de Kreuk, Jan Douma and Michel J.J. Beerens</i>	
		Paper 183 Student Success: On the Need for a New Standard <i>Alejandra Gonzalez, David Barrera, María Patricia León, Mariela Curiel and Luis David Prieto</i>				
			Paper 67 Student-Centered Learning in CDIO Framework <i>Antti Piironen, Ann Padley and Kaisla Saastamoinen</i>	Paper 70 Co-Creative Education beyond Cultures at Kanazawa Institute of Technology <i>Tomohito Yamamoto, Minoru Nakazawa and Masako Osuna</i>	Paper 79 Improving Engineering Drawing Skills through Concrete Learning and Mindset Theory <i>Paul Warrington and Sarah Junaid</i>	


KIT

 Kanazawa Institute
of Technology

ICT

 International College
of Technology
Kanazawa

Saturday 30 June 2018 9:00 - 10:30 KEYNOTE SESSION
Mr. Kazuo Kyuma

Room 23-330/333

 Chair **Mamoru Mukai**
Saturday 30 June 2018 10:30 - 11:20 POSTER TEASER SESSION

See the Posters to be presented below (Poster Session D1). The Poster Teaser presentations will take place in order of submission ID (smallest to largest).

Room 23-330/333

 Chair **Gareth Thomson**
Saturday 30 June 2018 11:30 - 12:30 POSTER SESSION D1

Room Building 21 1F Cafeteria

 Chair **Gareth Thomson**

D1	Paper 84 Adapting the CDIO Framework to Biomedicine Education <i>Anna Fahlgren, Annika Thorsell, Katarina Kägedahl, Mats Lindahl and Svante Gunnarsson</i>	Paper 88 Faculty Development in the Implementation of CDIO Concept at SibFU <i>Svetlana Osipova and Olga Shubkina</i>	Paper 91 The Improvement of Faculty Competence and Collaboration Between Academia and Industry: A Case Study in the Engineering Courses of a Brazilian University Center <i>Sergio Ricardo Mazzini, Wesley Pontes, Pedro Sergio Hortolani Rodrigues and Lucas Mendes Scarpin</i> CANCELED	Paper 94 From Group to Independent Project Work: Does CDIO Prepare Learners? <i>Laura Leslie, Paul C Gorman and Sarah Junaid</i>	Paper 98 Implementing a Collaborative ICT Workshop between two Universities in Japan and Thailand <i>Yuichi Anada, Naohiko Hayata, Simon Thollar, Mitsutaka Yasuda, Eiji Shimada, Joel Rian, Kenji Saito, Mitsuyoshi Nagao, Tsukasa Hokimoto, Natha Kuptasthien, Uravis Tangkijviwat, Deachrut Jaithavil, Waiyawut Wuthiasthasarn and Pongpon Nilapreuk</i>	Paper 102 The Design and Development Process of Creative Products Using a Microcomputer <i>Seiichi Watanabe, Masuo Furukawa and Takashi Kasuga</i>	Paper 112 KIT Hackathon that Facilitate Innovation at Regional Area <i>Minoru Nakazawa, Takayuki Fukuda and Noriko Nishikawa</i>
	Paper 113 A Practical Application of Business System in enPIT2 <i>Satoru Myojin, Masahiro Sakai, Naohiko Hayata, Mitsutaka Yasuda, Takeshi Tanigawa, Kei Ito and Michiko Oba</i>	Paper 115 CDIO Contribution to ABET Accreditation of Electrical and Electronic Engineering Programs <i>Truong V Truong, Binh D Ha and Bao N Le</i>	Paper 123 The Effect and Evaluation of Active Learning and Creative Teaching in Micro-Credit Course Modules <i>ShuHui Chen, Ben-ray Jai and Wei-Chieh Hsu</i>	Paper 124 Applying of Project Design (PD) Education Methodology for Teaching of the Architectural Academic Subjects <i>An Le Vinh and Thanh Vu Cong</i>	Paper 128 Implementing CDIO Approach in Integrated Digital Environment <i>Santosh Maurya and Olivier Ammann</i>	Paper 140 Practical Education in Automation for Industrie 4.0 <i>Helmut Wenisch, Osamu Ito and Roland Scheuerer</i>	Paper 145 To Incorporate CDIO into Social Innovation and Entrepreneurship Participation Project <i>Yao Chuan Lee, Wei Chieh Hsu, Chun Wen Teng, Bing Jean Lee, Ju Chuan Wu and Vey Wang</i>
	Paper 146 CDIO Based Preliminary Engineering Design Course in Chemical Engineering <i>Wei Zhang, Cuiqing Li, Jinchang Sun, Yongji Song, Guangxiang He and Zhansheng Han</i>	Paper 148 CDIO Implementation Using 24/7 Working Spaces <i>Eduardo A. Gerlein, Jairo A. Hurtado and Juan M. Cruz</i>	Paper 159 The Curriculum Development to Accommodate Diverse Student Images by Incorporating CDIO Ideas <i>Naohiko Hayata, Shigeru Mukaida, Takanori Yamakita, Tohru Hirohku, Hajime Saito, Keitaro Oshima, Takayuki Fujiwara and Masayuki Fukumitsu</i>	Paper 174 Curriculum Adaptation in Eras of Transformation by Utilizing a CDIO Enabling Platform <i>Peter Hallberg</i>	Paper 177 Using Videos and Digital Learning as Lab Preparation <i>Thomas Greve</i>	Paper 182 Learning Advanced Mathematics by Acoustics – Yes we can! <i>Leif Kari and Anna-Karin Högfeltdt</i>	

TOPICAL SESSION SCHEDULE

www.kanazawa-it.ac.jp/cdio2018/



KIT

Kanazawa Institute of Technology



ICT

International College of Technology Kanazawa

Updated 28 June 2018

Saturday 30 June 2018 12:30 - 13:30 LUNCH	
Room	Building 21 1F Cafeteria

Saturday 30 June 2018 13:30 - 14:40 PARALLEL SESSION D2						WORKSHOPS D2 - D4	
Session	Introduction to CDIO	Engineering Education Research	Teaching Professionalism	Staff and Faculty Development	Design-Implement	Workshop (Signup list on the Information Board)	Sponsored Workshop (Signup list on the Information Board)
Room	23-214	23-218	23-211	23-320	23-323	23-412	23-415
Chair	<i>Matt Murphy & Juha Kontio</i>	<i>Nancy Nelson</i>	<i>Simon Howell</i>	<i>Jane Flarup and Helle Wivel</i>	<i>Andres Diaz Lantada</i>	<i>Tham Thi Hong Vo (D2 - D3) Nicoleta Maynard (D3 - D4)</i>	<i>Jiro Doke (D3 - D4)</i>
D2	Introductory Workshop 4 Workshop on Active Learning <i>Matt Murphy & Juha Kontio</i>	Paper 12 Executive Summary: A PhD Thesis with a CDIO Theme <i>Kristina Edström</i>	Paper 11 Developing Logbook Keeping as a Professional Skill through CDIO Projects <i>Sarah Junaid, Paul Gorman and Laura Leslie</i>	Paper 126 The Development of Technical Staff Competencies via International Exchange <i>Gareth Thomson and Lisa Gommer</i>	Paper 156 Development of the Digital Systems Unit in an Electronics Engineering CDIO Curriculum <i>Alejandra Gonzalez, Diego Mendez and Luisa Garcia</i>	Paper 90 13:30 - 15:20 Exploring Inter-Institutional Collaboration for Training Programs that Support CDIO Implementation <i>Andrew Marchand, Gam Thi Hong Luong, Tham Thi Hong Vo and Anh Phan Nguyen Quynh</i> Maximum participants: 30	
		Paper 103 Engineering Education: Are Efforts in SoTL Reaching the Engineering Classroom? <i>Nancy Nelson and Robert Brennan</i>	Paper 127 Professionalism for Engineers: Soft Skills in Engineering Education to Prepare for Professional Life <i>Aseel Berglund</i>	Paper 165 Developing Staff for Effective CDIO Implementation <i>Gareth Thomson and Robin Clark</i>	Paper 137 Experience of Developing Students' CDIO Skills Using Design Built Projects <i>Tserenlkham Batdorj, Nyamsuren Purevsuren, Uuganbayar Purevdorj, Uranchimeg Tungalag and Khishigjargal Gonchigsumlaa</i>		
			Paper 108 An Integrated Professional Practice and Employability Initiative in an Engineering Undergraduate Programme <i>Simon Howell, Geoffrey Tansley, Graham Jenkins and Wayne Hall</i>	Paper 5 Training the Staff - How to Develop Personal and Interpersonal Competences at Faculty Level <i>Jane Flarup and Helle Wivel</i>	Paper 17 Coordinated Design and Implementation of "Bioengineering Design" and "MedTech" Courses By Means of CDIO Projects Linked to Medical Devices <i>Andres Diaz Lantada, Luis Ignacio Ballesteros Sanchez, Enrique Chacon Tanarro, Ana Moreno Romero, Rafael Borge Garcia, Miguel Angel Pelaez Garcia, Rafael Ramos Diaz and Jesus Juan Ruiz</i>		
					(continues)		

Saturday 30 June 2018 16:10 - 17:20 PARALLEL SESSION D4					WORKSHOPS D2 - D4		
Session	(spare)	Engineering Education Research	Student Assessment	Curriculum Design	Sustainability	Continued from D3	Continued from D3
Room	-	23-218	23-211	23-320	23-323		
Chair	-	Geza Fischl	Hung Nguyen-Xuan	Uravis Tangkijiwat	Angel Uruburu		
D4		Paper 82 Fluid Mechanics Project-Based Learning Kits: An Analysis of Implementation Results in a Blended Classroom <i>Alexandra Meikleham, Ron Hugo and Robert Brennan</i>	Paper 178 The Impact of Implementing One Programme-Wide Integrated Assessment Method <i>Suzanne Hallenga-Brink, Wianda Visser and Miranda de Hei</i>	Paper 37 Engineering Education Paradigm Shift in Metropolia UAS <i>Jukka Jonninen, Antti Pironen and Heikki Valmu</i>	Paper 101 An Engineering Workspace for Integrating Sustainability Applied Research into Learning <i>Siaw Soon Chee, Eunice Goh, Hannah Gardner, Yadong Wang, Leonard Loh and Keng Wah Choo</i>	Embedding, Teaching and Assessing Teamwork Skills – How Hard can it be? <i>Nicoleta Maynard and Remon Rooij</i>	Technology Powering Education: Leveraging MATLAB for Increased Engagement and Collaboration <i>Jiro Doke and Yoshio Okita</i>
		Paper 114 The Evaluation Method of Ability Achievement Levels in a CDIO Syllabus <i>Hua Shen, Fei Gao, Long Liu, Eman Ju and Xue Han</i>	Paper 53 A Systemic Approach in an Electronics Engineering Curriculum <i>Alejandra Gonzalez, Diego Patino, Luisa Garcia and Lizeth Roldan</i>	Paper 31 Integrating Sustainability in Academic CDIO Subjects: A Review after Three Years of Experience <i>Angel Uruburu, Ana Moreno-Romero, Ruth Carrasco-Gallego, Rafael Borge, Julio Lumbreras and Rafael Miñano</i>			
		Paper 23 Mapping Architectural Engineering Students' Learning in Group Design Exercises <i>Geza Fischl, Kaj Granath and Craig Bremner</i>	Paper 35 The Educational Influences of Project Design Education on Students' Learning Abilities <i>Hung Nguyen-Xuan, Keiichi Sato, Long Dam-Duy and Viet Nguyen-Xuan-Hoang</i>	Paper 8 CDIO-Based Curriculum Development for Non-Engineering Programs at Mass Communication Technology Faculty <i>Uravis Tangkijiwat, Wanchanok Sunthorn, Natchaphak Meeusah and Natha Kuptasthien</i>			

Sunday 1 July 2018 9:20 - 10:30 KEYNOTE SESSION**Dr. Satoko Fukahori**

Room 23-330/333

Chair **Mamoru Mukai****Sunday 1 July 2018 10:30 - 10:40 ROUNDTABLE TEASER SESSION**

See the Roundtables to be presented below (Parallel Session N1 & N2). The Roundtable Teaser presentations will take place in order of submission ID (smallest to largest).

Room 23-330/333

Chair **Gareth Thomson****Sunday 1 July 2018 10:50 - 12:00 PARALLEL SESSION N1**

Session	Sponsored Workshop (Signup list on the Information Board)	Engineering Education Research	Faculty Competencies	Roundtables (Both Organized & Pop-up)	Workshop (Signup list on the Information Board)	Workshop (Signup list on the Information Board)	(spare)
Room	23-214	23-218	23-211	Challenge Lab (26-106/107)	23-412	23-415	-
Chair	Olivier Ammoun & Santosh Maurya	Mirka Kans	Andrew Marchand	Gareth Thomson	Richard Nyhof	Elizabeth Keller	
N1	Dassault Systemes 1 Hands-On Experience: A Digital Platform That Brings New Industry Practices into the CDIO Continuum Olivier Ammoun & Santosh Maurya Maximum participants: 20	Paper 180 Connecting North and South through Challenge Driven Education Anders Rosén, Anna-Karin Högfeldt, Ann Lantz, Lena Gumaelius, Ramon Wyss, Margareta Norell Bergendahl, Jesper Vasell and Suzan K. Lujara	Paper 149 The Pedagogical Developers Initiative – Sustainable Impact or Falling into Oblivion? Björn Kjellgren, Hans Havtun, Lasse Wingård, Magnus Andersson, Björn Hedin, Niclas Hjelm and Anders Berglund	Paper 163 The CDIO & the Generation Z José Carlos Quadrado, Eduarda Pinto Ferreira, Angelo Martins, Kseniya Zaitseva and Maria João Raposo	Paper 56 International Collaborative Programme Development - Context, Considerations and Creating Partnerships Richard Nyhof and Mamoru Mukai Maximum participants: 30	Paper 73 Advancing the Application of Formative Feedback in Higher Education Elizabeth Keller and Niclas Hjelm Maximum participants: 30	-
		Paper 44 Faculty Experiences in Interdisciplinary Programs: Opportunities and Challenges Åsa Gustafsson and Mirka Kans	Paper 92 A Case Study Designing Training Curricula to Support Implementation of CDIO Andrew Marchand, Gam Thi Hong Luong and Tham Thi Hong Vo				

Sunday 1 July 2018 12:00 - 13:00 LUNCH

Room Building 21 1F Cafeteria

TOPICAL SESSION SCHEDULE

www.kanazawa-it.ac.jp/cdio2018/

KIT

Kanazawa Institute
of Technology

ICT

International College
of Technology
Kanazawa

Updated 28 June 2018

Sunday 1 July 2018 13:10 - 14:20 PARALLEL SESSION N2							
Session	Sponsored Workshop (Signup list on the Information Board)	Engineering Education Research	Problem Definition & Management	Roundtables (Both Organized & Pop-up)	Workshop (Signup list on the Information Board)	Workshop (Signup list on the Information Board)	Workshop (Signup list on the Information Board)
Room	23-214	23-218	23-211	Challenge Lab (26-106/107)	23-412	23-415	23-510
Chair	Olivier Ammoun & Santosh Maurya	Asrun Matthiasdottir	Haraldur Audunsson	Gareth Thomson	Björn Kjellgren	Emily Marasco	Helene Leong
N2	Dassault Systemes 2 Hands-On Experience: A Digital Platform That Brings New Industry Practices into the CDIO Continuum Olivier Ammoun & Santosh Maurya Maximum participants: 20	Paper 155 Lessons Learned from Student Satisfaction Surveys of CDIO Project Courses Johan Malmqvist, Lars Almfelt, Mattias Bingerud and Mikael Enelund	Paper 47 A New Method for Manufacturing Engineering Projects John Clausen	Paper 196 How to Create Intensive International Collaboration Between CDIO Members Tatu Westerholm	Paper 152 Will it be on the Exam? Or, how to Motivate your Students for the Subject! Björn Kjellgren, Hans Havtun, Björn Hedin and Anders Berglund Maximum participants: 30	Paper 184 Implementing Creative Culture in Engineering Science Emily Marasco, Laleh Behjat and William Rosehart Maximum participants: 30	Paper 186 Increasing Workplace Skills and Readiness Helene Leong and Sin Moh Cheah Maximum participants: 30
		Paper 86 Gender Differences in Engineering Students' Choice of Studies Asrun Matthiasdottir	Paper 76 Challenging Engineering Students With Uncertainty in a VUCA Situation Haraldur Audunsson, Thordur Vikingur Fridgeirsson and Ingunn Saemundsdottir				

Sunday 1 July 2018 14:30 - 16:00 CLOSING SESSION

CDIO Academy Awards & Conference Closing

Room 23-330/333
Chair Robert Songer