## **PROJECTS IN PROGRESS PRESENTATIONS**

https://www.ntnu.edu/cdio





DRAFT: 2023-05-15

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2	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
3	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
4	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
5	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
6	51	Advancing CDIO Competencies for Technicians – a Professional Development Framework	Mark Nivan Singh, Sin Moh Cheah and Helene Leong	CDIO Projects in Progress	Podium
7	69	Integrating Interdisciplinary Education in Artificial Intelligence and Engineering Systems Curriculum	Sonia M. Gomez Puente and Karolina Doulougeri	CDIO Projects in Progress	Podium
8	70	HANDZONe: Towards a Hybrid Learning Space for Hands-on Learning Activities	Serdar Asut	CDIO Projects in Progress	Podium
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10	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
11	108	Embodying Ideas in Teams Education	<b>Shota Matsuhashi</b> , Takurou Itoh, Takashi Morinaga, <b>Hiromasa Ohnishi</b> , Sou Takahashi, Hiroyuki Arafune and Ryo Satoh	CDIO Projects in Progress	Podium
12	110	Learning Environments Supporting the Development of Resilient and Innovative Problem Solvers	Mari Ketola, Anne Norström and Piia Nurmi	CDIO Projects in Progress	Poster
13	113	Design and Evaluation of Basic Exercise Environment for Virtual Laboratory	Tomoharu Kaeriyama , Jun Sato and Satoru Yamada	CDIO Projects in Progress	Poster
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15	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
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21	202	Maximising Academic and Social Outcomes	Jorgen Forss , Niel Cooke, Sarah Chung and Jesper Andersson	CDIO Projects in Progress	Podium

19<sup>th</sup> International CDIO Conference

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23 214	Relation between Perception of Course Elements and Overall Impression: Evidence from 4015 Surveys	Alena Khaslavskaya and Ivan D. Sanchez-Diaz	CDIO Projects in Progress	Podium