

# Final Projects – January 2020

20. November 2019/BA

Exam date: 15. – 21. January 2020

Date	Place & Time	Student	Titel	MCI Supervisor	External Supervisor	External Examiner
9. January	<b>U 401</b> <b>Ca. 14.00</b>	Roya Vahidi <b>40 ECTS</b> <b>Speciale</b>	<i>The participation and involvement of women academics and leadership within Science, Technology, Engineering, and Mathematics (STEM) fields in women Entrepreneurship and the ways to foster women's entrepreneurship in STEM fields.</i>	Silke Tegtmeier		Jacob Høj Jørgensen
16. January	<b>U 203</b> <b>08.15</b>	Kenneth Billeskov Petterson <b>MC</b>	<i>Bacsense</i>	Lars Duggen		Jan Olsen
	<b>U 203</b> <b>Ca. 09.15</b>	Kristoffer Bonnevie Jakobsen <b>MC</b>	<i>Bacsense</i>	Lars Duggen		Jan Olsen
	<b>U 203</b> <b>Ca. 10.15</b>	Marcus Gelu Birkelund <b>MC</b>	<i>Specifying a replacement PMDC motor for Linak LA22 linear actuator</i>	Lars Duggen		Jan Olsen
	<b>U 203</b> <b>Ca. 11.15</b>	Svend Leon Højmark Andersen <b>MC</b>	<i>DF2 Sound optimization</i>	Lars Duggen		Jan Olsen
	<b>U 203</b> <b>Ca. 13.00</b>	Mads Haase Iversen <b>MC</b>	<i>Alternative position sensor for use in hydraulic systems</i>	Lars Duggen		Jan Olsen
	<b>U 203</b>	Martin Ravn <b>MC</b>	<i>Robot Foundation</i>	Lars Duggen	Udsat	Jan Olsen
16. January	<b>U 202</b> <b>09.00</b>	Ajay Prasad Indukuri <b>IB-BPROJ</b>	<i>Current challenges of urban food production: Vertical farming and the use of Technology (IoT), for future advancements.</i>	Ferran Giones		Rene Goduscheit

16. January	<b>U 202</b> <b>Ca. 10.00</b>	Nikolaj Ebsen Sørensen <b>IB-BPROJ</b>	<i>From selling products to offering solutions, what are the challenges? – Servitization in Danish industrial SMEs</i>	Ferran Giones		Rene Goduscheit
17. January	<b>U 202</b> <b>08.30</b>	Jens Holm Hansen <b>MC-BPROJ</b>	<i>Heatdissipation in Friction Welding</i>	Andrei-Alexsandru Popa Lars Duggen		Torben Andersen
	<b>U 202</b> <b>Ca. 09.30</b>	Finn Niklas Vehlhaber <b>MC</b>	<i>SCARA as a 3D printing robot arm</i>	Hossein Ramezani Andrei-Alexandru Popa		Torben Andersen
	<b>U 202</b> <b>Ca. 10.30</b>	Sabeel Allister Foster <b>MC</b>	<i>Acoustic Signature of Flow-born Noise</i>	Henrik Andersen		Torben Andersen
	<b>U 202</b> <b>Ca. 12.30</b>	Jurgis Toms Liepins <b>MC</b>	<i>Effects of design configurations on orbital motor performance</i>	Henrik Andersen		Torben Andersen
	<b>U 202</b> <b>Ca. 13.30</b>	Konstantin Tsvetanov Patroev <b>MC</b>	<i>Steering simulator with steering wheel</i>	Hossein Ramezani		Torben Andersen
20. January	<b>M 401</b> <b>08.15</b>	Sebastian Izard Høyer <b>MC</b>	<i>Danfoss Cooling Platform Test System</i>	Søren Top		Frank B. Jakobsen
	<b>M 401</b> <b>Ca. 09.15</b>	Jesper Holst Kümpel <b>MC</b>	<i>Bluetooth Low Energy Mesh Networking</i>	Søren Top		Frank B. Jakobsen
20. January	<b>M 402</b> <b>08.15</b>	Allan Schnack- Møller <b>MC</b>	<i>Glycol heating of Gas Valve Train</i>	Flemming Klynder		Jan Olsen
	<b>M 402</b> <b>Ca. 09.15</b>	Alvaro Soler Verdu <b>MC</b>	<i>Design of a scalable and parametrized enclosure for an inverter using Solidworks</i>	Flemming Klynder		Jan Olsen
	<b>M 402</b> <b>Ca. 10.15</b>	Usman Hameed <b>MC</b>	<i>Investigating Effects of Meshing Gears</i>	Oliver Niebuhr Lars Duggen		Jan Olsen

20. January	<b>U 401 08.15</b>	Tong Zhou <b>MC</b>	<i>Stereoscopic camera-based machine vision for object recognition and robot guidance of automated guided vehicle</i>	Arne Bilberg		Hans-Erik Kiil
20. January	<b>U 202 09.30</b>	Morten Kirkegaard <b>MC</b>	<i>Power cycling tester for power semiconductors</i>	Kasper Paasch		Jørgen Houe Pedersen
	<b>U 202 Ca. 10.30</b>	Rasmus Kjærsgaard <b>MC</b>	<i>Water level detection using TDR technology</i>	Kasper Paasch		Jørgen Houe Pedersen
	<b>U 202 Ca. 11.30</b>	Kenneth Tranekjer Petersen <b>MC</b>	<i>Datalogger</i>	Kasper Paasch		Jørgen Houe Pedersen