
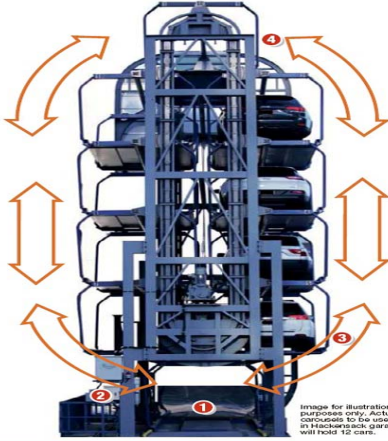
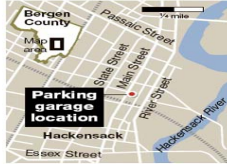

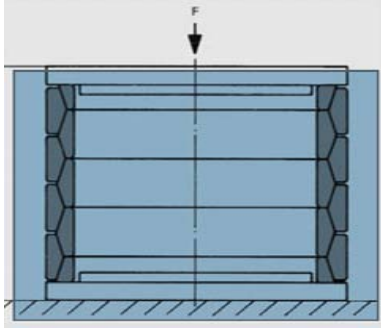


# Propuneri teme proiecte de licenta - 2016-2017 - FILS Inginerie Mecanica

Nr crt	Tema propusa (limba straina/limba romana)	Profesor coordonator	Date contact	Student selectat deja (daca e cazul) (nume, grupa)	Termen depunere candidatura student
1	<p>/ Proiectarea unui garaj supraetajat de tip carusel pentru 12 autoturisme.</p> <p>Proiectul va cuprinde</p> <ul style="list-style-type: none"> <li>analiza a solutiilor existente</li> <li>definirea caietului de sarcini (dimensiunile si greutatea maxima a autoturisemlor, viteza de acces etc.)</li> </ul>	<p>Traian CICONE</p> <p><b>Going vertical</b> The Parkmatic rotary carousel parking tower can store 12 cars in the ground space of two. A Hackensack development will incorporate the system, taking up a third of the space a conventional parking lot would require.</p> <p><b>How it works</b></p>  <ol style="list-style-type: none"> <li>Vehicles enter/exit here.</li> <li>A valet retrieves cars stored on the carousel by typing numbers into a touch pad.</li> <li>Carousels can revolve clockwise and counter-clockwise to save exit time.</li> <li>A vehicle at the top of the carousel should take about 90 seconds to reach the ground.</li> </ol> <p>Source: Parkmatic.com STAFF PHOTOS BY KEVIN R. WEXLER</p>	<p>traian.cicone@upb.ro</p>   <p><b>The project</b> The rotary parking garage is part of a development project at 210 Main St., Hackensack, on the site of the former Bank of America building. The towers will be enclosed in a structure measuring 50 feet high, 100 feet wide, and 90 feet deep that matches the bank building exterior.</p> <p><b>Details:</b></p> <ul style="list-style-type: none"> <li>The parking carousels will hold 12 cars each on 14 carousels for a total of 168 cars.</li> <li>Each tower will be 43 feet tall.</li> <li>Maximum dimensions for cars on the carousel: Length: 17' Width: 7' Height: 6' 5"</li> <li>Weight: 6,000 pounds</li> <li>The estimated cost per space is \$14,000 to \$16,000 as compared to \$20,000 per space for an underground, drive-in parking garage.</li> </ul> <p>JERRY LUCIANI/STAFF ARTIST</p>	2 studenti	
2	<p>/ Studiul teoretic si experimental al efectului de amortizare al arcurilor inelare</p> <p>Proiectul va cuprinde</p> <ul style="list-style-type: none"> <li>analiza a constructiva si functionala a rcurilor inelare</li> <li>simularea cu elemente finite a unui ciclu comprimare-destindere a unei perechi de inele</li> <li>calculul analitic simplificat al amortizarii</li> <li>studii experimentale pe standul existent (include activitati instrumentare a standului)</li> <li>studii de optimizare a formei sectiunii inelelor</li> </ul>	<p>Traian CICONE</p> 	<p>traian.cicone@upb.ro</p> 		

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3	Thermal bridges modeling and optimization for buildings, using the commercial code Therme / Modelarea si optimizarea puntilor termice la cladiri folosind programul Therme.	Emilia MLADIN	office CG106		
4	Optimization of office building energy supply from conventional and/or renewable sources. / Optimizarea alimentării cu energie din surse convenționale și/sau regenerabile a unei clădiri de birouri.	Emilia MLADIN	office CG106		
5	Study on the possibility to improve 1.6L F1 engine behavior by different supercharging systems usage;	Radu CHIRIAC	office CG134		
6	Study on the possibility to improve 1.6L F1 engine performance specifications by fitting of different energy recovery systems.	Radu CHIRIAC	office CG134		
7	Design and optimization of a solar powered absorption cooling system for air conditioning purposes/ Proiectarea si optimizarea unei instalatii frigorifice cu absorptie alimentata cu energie solara, pentru conditionarea aerului	Camelia STANCIU	camelia.stanciu@upb.ro		31 ianuarie 2017
8	Design and optimization of a solar powered Organic Rankine System for cogeneration purposes/ Proiectarea si optimizarea unei instalatii Rankine cu fluid organic alimentata cu energie solara, pentru cogenerare	Camelia STANCIU	camelia.stanciu@upb.ro		31 ianuarie 2017
9	Steam turbine for CHP plants using solid biomass as fuel/ Turbina cu abur pentru centrale de cogenerare cu combustibil provenit din biomasa solida	Viorel BERBECE Elena POP	viorel.berbece@upb.ro elena.pop@upb.ro		31 ianuarie 2017

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10	Steam generator for CHP plants using solid biomass as fuel/ Generator de abur pentru centrale de cogenerare cu combustibil solid provenit din biomasa solida	Viorel BERBECE Elena POP	viorel.berbece@upb.ro elena.pop@upb.ro		31 ianuarie 2017
11	Étude théorique et expérimental d'une servopompe électrohydraulique rapide/ Studiul teoretic și experimental al unei servopompe electrohidraulice rapide	Daniela VASILIU	vasiliu1958@gmail.com		31 ianuarie 2017
12	Conception d'une transmission hydrostatique pour un chariot élévateur/ Proiectarea unei transmisii hidrostatice pentru un încărcător frontal	Daniela VASILIU	vasiliu1958@gmail.com		31 ianuarie 2017
13	Conception d'une transmission mécanique spéciale pour la conduite d'un faisceau chariot convoyeur/ Proiectarea unei transmisii mecanice speciale pentru antrenarea unui carucior de grinda rulanta	Alexandru Valentin RADULESCU	varrav2000@yahoo.com		31 ianuarie 2017
14	L'étude de la formation du mélange dans un moteur Diesel voiture 76 kW/4000tpm .	Radu CHIRIAC	office CG134		
15	L'étude de l'influence du taux de compression sur l'efficacité d'un moteur allumage commandée 110 kW/6000tpm.	Radu CHIRIAC	office CG134		
16	L'étude sur le comportement du couplage système de suralimentation et moteur Diesel-générateur de 350kW/1500tpm.	Radu CHIRIAC	office CG134		
17	L'étude de l'influence de la géométrie du système d'admission sur les performances d'un moteur allumage commandée 90kW/5800tpm.	Radu CHIRIAC	office CG134		
18	L'étude sur la possibilité d'amélioration des performances d'un moteur Diesel voiture 230kW/4400tpm par l'adaptation du groupe turbocompresseur-refroidisseur intermédiaire.	Radu CHIRIAC	office CG134		