

TREBALL FINAL DE MASTER (2021-22)

PROPOSTES INFORMADES FAVORABLEMENT PER LA COMISSIÓ DE COORDINACIÓ DEL MÀSTER (31/10/2021)

Alumne	Chávez Briceño, Lyzeth
Títol	CFD analysis and simulation of helical coil inserts in corrugated tubes for double-pipe heat exchangers
Tutor(s) UB	Drs. Jordi Bonet I Alexandra Plesu
Tutor(s) Empresa	
Alumne	Cleton, Sebastian
Títol	The bibliographical review about ferrofluids: preparation and applications
Tutor(s) UB	Dr. Javier Tejero
Tutor(s) Empresa	
Alumne	Del Pozo Portulás, Víctor
Títol	Study and design of multiproduct plant of vegetable beverages
Tutor(s) UB	Dres. Esther Chamarro i Alicia Maestro
Tutor(s) Empresa	
Alumne	García Gutiérrez, Gloria
Títol	Best available techniques for minimization of VOC emissions in automotive coating industry: a case study
Tutor(s) UB	Dr. Sergi Astals
Tutor(s) Empresa	
Alumne	González Rodríguez, Ágata
Títol	Reduction in the percentage of unscheduled shutdowns in the reactor area
Tutor(s) UB	Dra. Maria Alicia Cardete
Tutor(s) Empresa	Foix Galimany
Alumne	Gutiérrez Campos, Eva
Títol	Contribution to the study of heat integration of pressure swing distillation
Tutor(s) UB	Dr. Jordi Bonet
Tutor(s) Empresa	
Alumne	Lafuente Jiménez, Álex
Títol	Legalization of the raw materials warehouse according to the chemical products storage regulation (RD656/2017) of a chemical plant
Tutor(s) UB	Dr. Joan Dosta
Tutor(s) Empresa	E. Suñé
Alumne	López Expósito, Raúl
Títol	Implementation of a dispersion system in a paper factory
Tutor(s) UB	Dra. Esther Chamarro
Tutor(s) Empresa	
Alumne	Lorente Sánchez, Sergi
Títol	Design of an industrial wastewater treatment plant at a poultry processing factory
Tutor(s) UB	Dr. Sergi Astals
Tutor(s) Empresa	

Alumne	Matías Brañez, Joselyn Belén
Títol	Transition towards decarbonization of the chemical industry by reconversion biomass oxidation processes into catalytic gasification
Tutor(s) UB	Dra. Maria Alicia Cardete
Tutor(s) Empresa	
Alumne	Meco Morales, Eric
Títol	Methanol synthesis by CO2 hydrogenation using reactive distillation
Tutor(s) UB	Dres. Jordi Bonet i Alexandra Plesu
Tutor(s) Empresa	
Alumne	Montañés Puig, María
Títol	Improvement of the fragrance process design based on the experimental raw material data
Tutor(s) UB	Drs. Jordi Bonet I Alexandra Plesu
Tutor(s) Empresa	D. Costa
Alumne	Montes Álvarez, Manuel Eduardo
Títol	Development of a Technology based on the SILAR method for the deposition of nanometric layers with controlled thickness for photovoltaic applications
Tutor(s) UB	
Tutor(s) Empresa	Dr. Joan Dosta
Alumne	Peña Pícola, Sergi
Títol	Volatile fatty acid production using food waste to select and accumulate bioplastic
Tutor(s) UB	Drs. Joan Dosta i Sergi Astals
Tutor(s) Empresa	
Alumne	Serra Díaz, Albert
Títol	Design improvement in silicon vulcanization ovens to enhance energetic efficiency with ANSYS®
Tutor(s) UB	Dra. María Alicia Cardete
Tutor(s) Empresa	V. Ravago
Alumne	Solé Gamell, Álex
Títol	Circular economy. Production of bioethylene from waste oils
Tutor(s) UB	Dra. María Alicia Cardete
Tutor(s) Empresa	
Alumne	Trujillo Artero, Sergio
Títol	Production capacity increase of a metformin hydrochloride plant using a heuristic-based systematic approach
Tutor(s) UB	Dra. María Alicia Cardete
Tutor(s) Empresa	